

Low voltage battery

| Inverter Brand           | Inverter logo | Inverter Type                                                                                                                                                                                                                                                               | Dyness Battery Series |    |        |        |        |         |                                  |                                     |                           |
|--------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----|--------|--------|--------|---------|----------------------------------|-------------------------------------|---------------------------|
|                          |               |                                                                                                                                                                                                                                                                             | B4850                 | B3 | B51100 | A48100 | DL5.0C | BX51100 | Powerbox Fseries<br>Powerbox Pro | Powercube series<br>B4850/B3/B51100 | PowerDepot<br>H2.5/H5/H5B |
| Goodwe                   |               | GW3648D-ES/GW5048D-ES/BP/SBP/EM ES G2/ SBP G2                                                                                                                                                                                                                               | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Growatt<br>(SANKO/Socar) |               | SPA/SPH3000/3600/4000/4600/5000/6000 (High Frequency)<br>SPF 5000TL HVM-P/SPF 3000TL (Power frequency)<br>HVM-P/ SPF 12KT HVM (High Frequency)<br>M3000H-48, M5000H-48, M5000H-48BP (Power frequency)<br>M12000L-48, M12000L-48SP (4KW/5KW/6KW/8KW/10KW/12KW)<br>SPF 5000ES | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Solis                    |               | S5-EH1P(3-6)-L<br>RHI-3K/3.6K/5K-48ES/RHI-3K-48ES-5G /RHI-3.6K-48ES-5G/RHI-5K-48ES-5G /RHI-6K-48ES-5G S5-EH1P(3-6)-L<br>S6-EH1P6K-L-EU<br>S6-EH1P6/8K-L-PRO DYNE 6.0L/8.0L-1P-A                                                                                             | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| SAJ                      |               | Sunfree Series/ H1-3k-S2                                                                                                                                                                                                                                                    | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| SUNGROW                  |               | SH5K-30                                                                                                                                                                                                                                                                     | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| DEYE                     |               | SUNSYNK PARITYINVERTER 5000W/ 7600W/8000W/ SUN-3.6/5/6K-SG03LP1-EU<br>SUN-3/3.6/5/6K-SG04LP1-EU<br>SUN-5/6/8/10/12K-SG04LP3-EU<br>SUN-3.6/5/6/7.6/8K-SG05LP1-EU<br>SUN-5/6K-SG01LP1-US<br>SUN-7.6/8K-SG01LP1-US/EU<br>SUN-12/14/16K-SG01LP1-EU                              | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| AISHIWEI                 |               | ASW3000/3680/4000/5000/6000H-S2                                                                                                                                                                                                                                             | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Luxpower                 |               | LXP 3K/3.6K/4K/4.6K/5K Hybrid<br>LXP 3600 ACS series/SNA5K(off-grid)                                                                                                                                                                                                        | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| MUST                     |               | PV18 2-5.5kW /PH18 2-5.5KW                                                                                                                                                                                                                                                  | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| TBB                      |               | Kinergier Pro CK8.0S                                                                                                                                                                                                                                                        | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |

Note: Only the inverters listed above are approved to be connected to dyness batteries.

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| Inverter Brand                   | Inverter logo | Inverter Type                                                                                    | Dyness Battery Series |    |        |        |        |         |                                  |                                     |                           |
|----------------------------------|---------------|--------------------------------------------------------------------------------------------------|-----------------------|----|--------|--------|--------|---------|----------------------------------|-------------------------------------|---------------------------|
|                                  |               |                                                                                                  | B4850                 | B3 | B51100 | A48100 | DL5.0C | BX51100 | Powerbox Fseries<br>Powerbox Pro | Powercube series<br>B4850/B3/B51100 | PowerDepot<br>H2.5/H5/H5B |
| Victron                          |               | Multiplus/Quattro 48                                                                             | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| IMEON                            |               | IMEON 3.6/9.12                                                                                   | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| SMA                              |               | Sunny Island 4.4M /6.0H/8.0H                                                                     | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| DELIOS                           |               | DLS-300C/DLS-450C/DLS-600C                                                                       | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Studer Innotec                   |               | Xtender 48V serie<br>VarioString serie<br>VarioTrack 48V serie                                   | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Sorotec                          |               | REVO II 3.2K-48 /REVO II 5.5K-48<br>/REVO VM II 5.5KW                                            | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| SERMATEC                         |               | SMT-5K-TL-LV                                                                                     | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| SOFAR                            |               | HYD3000-ES                                                                                       | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| INFINI<br>/VOLTRONIC             |               | Infinisolar series 48V<br>/Axpert-King series48V<br>with communication Card<br>(Power frequency) | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| INFINI<br>/VOLTRONIC<br>(MERCER) |               | Axpert-King MKS Modbus Duo Box<br>/Axpert-King VM (RS485 PN-protocol)<br>ICC                     |                       |    |        |        |        |         |                                  |                                     |                           |
| MAGAREVO                         |               | R5KL1                                                                                            | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| SUNRAY                           |               | MPS series 1/3/5kva                                                                              | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| GMDE                             |               | 3700TL                                                                                           | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| RENAC                            |               | ESC5000-DS                                                                                       | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Ingeteam                         |               | INGECON SUN STORAGE 1PLAY 3/6 TL M                                                               | ✓                     | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |

Note: Only the inverters listed above are approved to be connected to dyness batteries.

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|----------------|---------------|---------------------------------------|----------------------------|----|--------|--------|--------|---------|----------------------------------|-------------------------------------|---------------------------|
|                |               |                                       | B4850                      | B3 | B51100 | A48100 | DL5.0C | BX51100 | Powerbox Fseries<br>Powerbox Pro | Powercube series<br>B4850/B3/B51100 | PowerDepot<br>H2.5/H5/H5B |
| Homiles        |               | HYS-LV Series/ HAS-LV Series          | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Afore          |               | AF6K-SL                               | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Amensolar      |               | N3H-X8.0-US                           | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Senergy        |               | SE 5000HB-100                         | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| LIVOLTEK       |               | GF1-5K48S1                            | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| TSUN           |               | TSOL-H5.0K-H                          | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Autarco        |               | S2.MH(3000-6000) S2.MH6000-MII        | ✓                          | ✓  | ✓      | ✓      | ✓      | ✓       | ✓                                | ✓                                   | ✓                         |
| Steca          |               | Solarix PLI 5000-48                   | Under Test (90% completed) |    |        |        |        |         |                                  |                                     |                           |
| Schneider      |               | Conext Series Products/ Conext XW Pro | Under Test (90% completed) |    |        |        |        |         |                                  |                                     |                           |
| SRNE           |               | HF4850S80                             | Under Test (80% completed) |    |        |        |        |         |                                  |                                     |                           |

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 Low voltage battery -12v

| Inverter Brand | Inverter logo                                                                     | Inverter Type                  | Dyness Battery Series |         |
|----------------|-----------------------------------------------------------------------------------|--------------------------------|-----------------------|---------|
|                |                                                                                   |                                | RV12100               | Rv12200 |
| Steca          |  | Steca Solarix PI 550-12        | ✓                     | ✓       |
| MUST           |  | PV18-1012 VPK/VPM<br>EP18-1012 | ✓                     | ✓       |
| Victron        |  | MultiPlus 12/3000/120-16 230V  | ✓                     | ✓       |

 Low voltage battery -24v

| Inverter Brand           | Inverter logo                                                                       | Inverter Type                                                                                                                                                                                  | Dyness Battery Series |  |
|--------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|
|                          |                                                                                     |                                                                                                                                                                                                | B25100                |  |
| Steca                    |    | Steca Solarix PI 550-24<br>Steca Solarix PI 1100-24                                                                                                                                            | ✓                     |  |
| Sorotec                  |    | REVO VM II 3.5KW                                                                                                                                                                               | ✓                     |  |
| Victron                  |    | MultiPlus 24/5000/120-100 230V                                                                                                                                                                 | ✓                     |  |
| Growatt<br>(SANKO/Socar) |    | SPF 3000TL HVM-24                                                                                                                                                                              | ✓                     |  |
| MUST                     |  | PV18-2024 VHM\VPK\VPM\LHM<br>PV18-3024 VHM\VPK\VPM\LHM<br>PV18-3024 Pro /EP18-2024/EP18-3024/<br>PV18-1024 LHM/PV18-1524 LHM/<br>PV18-2524 LHM/PH18-2024 PLUS/<br>PH18-3024 PLUS/PH18-3024 Pro | ✓                     |  |

Note: Only the inverters listed above are approved to be connected to dyness batteries.

 High voltage battery

| Inverter Brand | Inverter logo                                                                       | Inverter Type                                                                                                    | Dyness Battery Series                                                        |        |         |              |
|----------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------|---------|--------------|
|                |                                                                                     |                                                                                                                  | HV4850                                                                       | HV4875 | HV51100 | Tower Series |
| Goodwe         |    | GW3K/5K/6K/10K-EH/ET EHB                                                                                         | ✓                                                                            | ✓      | ✓       | ✓            |
| Growatt        |    | SPH 10000TL3 BH/SPA 4000                                                                                         | ✓                                                                            | ✓      | ✓       | ✓            |
| SERMATEC       |    | SMT-10K-TL-TH                                                                                                    | ✓                                                                            | ✓      | ✓       | ✓            |
| ATESS          |    | HPS 5000/7500/10000TLS<br>HPS 30/50/100/120/150                                                                  | ✓                                                                            | ✓      | ✓       | ✓            |
| Solis          |    | RHI-3P(5-10)K-HVES-5G<br>RHI-1P7.6K-HVES-5G<br>S6-EH3P10K-H(PRO)<br>S6-EH1P(3.8-11.4)K-H-US<br>S6-EH3P(5-10)K2-H | ✓                                                                            | ✓      | ✓       | ✓            |
| Hoymiles       |    | HY3 Series/HYT-10.0HV-EUGI                                                                                       | ✓                                                                            | ✓      | ✓       | ✓            |
| Ecactus        |    | WH-SPA-3.6H/WH-SPA-5.0H                                                                                          | ✓                                                                            | ✓      | ✓       | ✓            |
| Sinexcel       |    | PWS1-50K/PWG2-100K                                                                                               | ✓                                                                            | ✓      | ✓       | ✓            |
| Sofar          |    | HYD 15KTL-3PH/ HYD 5K~20KTL-3PH                                                                                  | ✓                                                                            | ✓      | ✓       | ✓            |
| Sunways        |    | STH-4K~12KTL-HT-P<br>STH-12KTL-HT-CN                                                                             | ✓                                                                            | ✓      | ✓       | ✓            |
| Thinkpower     |   | EPH12KTL                                                                                                         | ✓                                                                            | ✓      | ✓       | ✓            |
| HYPONTECH      |  | HHS-3680/5000 HHT-5K-12K                                                                                         | ✓                                                                            | ✓      | ✓       | ✓            |
| SAJ            |  | H2-5K/6K/8K/10-T2                                                                                                | ✓                                                                            | ✓      | ✓       | ✓            |
| Bluesun        |  | BSE12KH1NA                                                                                                       | ✓                                                                            | ✓      | ✓       | ✓            |
| DEYE           |  | SUN-6-20K-SG01HP3-EU-AM2<br>SUN-50K-SG01HP3-EU-BM4                                                               | ✓                                                                            | ✓      | ✓       | ✓            |
| MEGAREVO       |  | RKH1/RKH3                                                                                                        | ✓                                                                            | ✓      | ✓       | ✓            |
| LUXPOWER       |  | LXP-PCS6T                                                                                                        | Can work with H8025 battery module series. Other battery model under Test. ✓ |        |         |              |

**Note:** This high voltage list covers all Dyness energy storage products. The specific type of high-voltage batteries that the inverter can be connected to are listed in the appendix. The HV series single cluster supports up to 16 modules in series, If the customer has a customized project, please communicate with our pre-sales technical support in advance to confirm. Only the inverters listed above are approved to be connected to dyness batteries.

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| Inverter Brand | Inverter logo                                                                     | Inverter Type                                                     | Dyness Battery Series      |        |         |              |
|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------|--------|---------|--------------|
|                |                                                                                   |                                                                   | HV4850                     | HV4875 | HV51100 | Tower Series |
| Ingeteam       |  | INGECON SUN STORAGE1 PLAY TL M 3-6kW<br>INGECON SUN STORAGE 100TL | ✓                          | ✓      | ✓       | ✓            |
| KOYOE          |  | KY-EST-10KH                                                       | ✓                          | ✓      | ✓       | ✓            |
| MEGAREVO       |  | MEGA0100TS                                                        | ✓                          | ✓      | ✓       | ✓            |
| SOLINTEG       |  | MHT-4~12K-25/MHT-10~20K-40<br>MHS-3~8K-30                         | ✓                          | ✓      | ✓       | ✓            |
| AISHIWEI       |  | ASW08KH-T1/ASW10KH-T1/ASW12KH-T1                                  | ✓                          | ✓      | ✓       | ✓            |
| Afore          |  | AF3K/9.6K-DH AF3K/30K-TH                                          | ✓                          | ✓      | ✓       | ✓            |
| SINENG         |  | SN-3.0/3.6/4.0/5.0/6.0HS                                          | ✓                          | ✓      | ✓       | ✓            |
| Autarco        |  | S2.LH(5000-10000) S2.LH(5000-10000)-MII                           | ✓                          | ✓      | ✓       | ✓            |
| TSUN           |  | TSOL-H Series                                                     | Under Test (90% completed) |        |         |              |
| KOSTAL         |  | PLENTICORE plus 3.0~10<br>PLENTICORE plus-G2 3.0~10               | Under Test (90% completed) |        |         |              |

**Note: This high voltage list covers all Dyness energy storage products. The specific type of high-voltage batteries that the inverter can be connected to are listed in the appendix.**  
The HV series single cluster supports up to 16 modules in series, If the customer has a customized project, please communicate with our pre-sales technical support in advance to confirm.  
Only the inverters listed above are approved to be connected to dyness batteries.



## High voltage battery

□ GOODWE Inverter.

| Battery Series | Battery Model | Inverter Series |                |               |               |     |
|----------------|---------------|-----------------|----------------|---------------|---------------|-----|
|                |               | Goodwe          |                |               |               |     |
|                |               | ET<br>(5K~10K)  | BT<br>(5K~10K) | EH<br>(3K~6K) | BH<br>(3K~6K) | EHB |
| Tower          | T7            |                 |                | √             | √             | √   |
|                | T10           | √               | √              | √             | √             | √   |
|                | T14           | √               | √              | √             | √             | √   |
|                | T17           | √               | √              |               |               |     |
|                | T21           |                 |                |               |               |     |
| HV1            | HV1-9         |                 |                | √             | √             | √   |
|                | HV1-12        | √               | √              | √             | √             | √   |
|                | HV1-14        | √               | √              | √             | √             | √   |
|                | HV1-16        | √               | √              | √             | √             | √   |
|                | HV1-19        | √               | √              | √             | √             | √   |
|                | HV1-21        | √               | √              |               |               |     |
|                | HV1-24        | √               | √              |               |               |     |
|                | HV1-26        | √               | √              |               |               |     |
|                | HV1-28        |                 |                |               |               |     |
|                | HV1-31        |                 |                |               |               |     |
|                | HV1-33        |                 |                |               |               |     |
|                | HV1-36        |                 |                |               |               |     |
| HV2            | HV2-14        |                 |                | √             | √             | √   |
|                | HV2-18        | √               | √              | √             | √             | √   |
|                | HV2-21        | √               | √              | √             | √             | √   |
|                | HV2-25        | √               | √              | √             | √             | √   |
|                | HV2-28        | √               | √              | √             | √             | √   |
|                | HV2-32        | √               | √              |               |               |     |
|                | HV2-36        | √               | √              |               |               |     |
|                | HV2-39        | √               | √              |               |               |     |
| HV4            | HV4-20        |                 |                | √             | √             | √   |
|                | HV4-25        | √               | √              | √             | √             | √   |
|                | HV4-30        | √               | √              | √             | √             | √   |
|                | HV4-35        | √               | √              | √             | √             | √   |
|                | HV4-40        | √               | √              | √             | √             | √   |
|                | HV4-46        | √               | √              |               |               |     |
|                | HV4-51        | √               | √              |               |               |     |
|                | HV4-56        |                 |                |               |               |     |

Note: The HV series is matched with GOODWE inverters, and the battery model needs to be selected as "default".

 **High voltage battery**

□ Growatt、ATESS 、SERMATEC Inverter.

| Battery Series | Battery Model | Inverter Series |            |               |            |                |              |
|----------------|---------------|-----------------|------------|---------------|------------|----------------|--------------|
|                |               | Growatt         |            | ATESS         |            | SERMATEC       |              |
|                |               | SPH4K~10 KTL3BH | SPA 4K~10K | HPS 5K-10K TL | HPS 30~150 | SMT-10K -TL-TH | SolarE-60KSZ |
| Tower          | T7            | √               | √          |               |            |                |              |
|                | T10           | √               | √          |               |            | √              |              |
|                | T14           | √               | √          | √             |            | √              |              |
|                | T17           | √               | √          | √             | √          | √              |              |
|                | T21           |                 |            | √             |            | √              |              |
| HV1            | HV1-9         | √               | √          |               |            |                |              |
|                | HV1-12        | √               | √          |               |            | √              |              |
|                | HV1-14        | √               | √          |               |            | √              |              |
|                | HV1-16        | √               | √          | √             |            | √              |              |
|                | HV1-19        | √               | √          | √             |            | √              |              |
|                | HV1-21        | √               | √          | √             | √          | √              |              |
|                | HV1-24        | √               | √          | √             | √          | √              |              |
|                | HV1-26        |                 |            | √             | √          | √              |              |
|                | HV1-28        |                 |            | √             |            | √              |              |
|                | HV1-31        |                 |            | √             |            | √              |              |
|                | HV1-33        |                 |            |               |            | √              |              |
|                | HV1-36        |                 |            |               |            | √              |              |
| HV2            | HV2-14        | √               | √          |               |            |                |              |
|                | HV2-18        | √               | √          |               |            | √              |              |
|                | HV2-21        | √               | √          |               |            | √              |              |
|                | HV2-25        | √               | √          | √             |            | √              |              |
|                | HV2-28        | √               | √          | √             |            | √              |              |
|                | HV2-32        | √               | √          | √             | √          | √              |              |
|                | HV2-36        | √               | √          | √             | √          | √              |              |
|                | HV2-39        |                 |            | √             | √          | √              |              |
| HV4            | HV4-20        | √               | √          |               |            | √              |              |
|                | HV4-25        | √               | √          |               |            | √              |              |
|                | HV4-30        | √               | √          |               |            | √              |              |
|                | HV4-35        | √               | √          | √             |            | √              |              |
|                | HV4-40        | √               | √          | √             | √          | √              |              |
|                | HV4-46        | √               | √          | √             | √          | √              |              |
|                | HV4-51        |                 |            | √             | √          | √              |              |
|                | HV4-56        |                 |            | √             |            | √              |              |



## High voltage battery

☐ Solis Inverter.

| Battery Series | Battery Model | Inverter Series        |                     |                     |                           |                    |
|----------------|---------------|------------------------|---------------------|---------------------|---------------------------|--------------------|
|                |               | Solis                  |                     |                     |                           |                    |
|                |               | RHI-3P(5-10)K-HVE S-5G | RHI-1P7.6K-HVES -5G | S6-EH3P 10K-H(P RO) | S6-EH1P (3.8-11.4) K-H-US | S6-EH3P (5-10)K2-H |
| Tower          | T7            | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | T10           | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | T14           | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | T17           | ✓                      |                     | ✓                   |                           | ✓                  |
|                | T21           |                        |                     |                     |                           |                    |
| HV1            | HV1-9         | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV1-12        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV1-14        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV1-16        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV1-19        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV1-21        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV1-24        | ✓                      |                     | ✓                   |                           | ✓                  |
|                | HV1-26        | ✓                      |                     | ✓                   |                           | ✓                  |
|                | HV1-28        |                        |                     |                     |                           |                    |
|                | HV1-31        |                        |                     |                     |                           |                    |
|                | HV1-33        |                        |                     |                     |                           |                    |
|                | HV1-36        |                        |                     |                     |                           |                    |
| HV2            | HV2-14        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV2-18        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV2-21        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV2-25        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV2-28        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV2-32        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV2-36        | ✓                      |                     | ✓                   |                           | ✓                  |
|                | HV2-39        | ✓                      |                     | ✓                   |                           | ✓                  |
| HV4            | HV4-20        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV4-25        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV4-30        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV4-35        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV4-40        | ✓                      | ✓                   | ✓                   | ✓                         | ✓                  |
|                | HV4-46        | ✓                      |                     | ✓                   |                           | ✓                  |
|                | HV4-51        | ✓                      |                     | ✓                   |                           | ✓                  |
|                | HV4-56        |                        |                     |                     |                           |                    |

**High voltage battery**

□ Bluesun 、 HYPONTECH、 Sinexcel Inverter.

| Battery Series | Battery Model | Inverter Series |                   |                |                       |                          |
|----------------|---------------|-----------------|-------------------|----------------|-----------------------|--------------------------|
|                |               | Bluesun         | HYPONTECH         |                | Sinexcel              |                          |
|                |               | BSE12KH<br>1NA  | HHS-<br>3680/5000 | HHT-<br>5K-12K | PWS1-5<br>0K~250<br>K | PWG2-50<br>K/100K-C<br>N |
| Tower          | T7            | √               | √                 | √              |                       |                          |
|                | T10           | √               | √                 | √              |                       | √                        |
|                | T14           |                 | √                 | √              |                       | √                        |
|                | T17           |                 |                   | √              |                       |                          |
|                | T21           |                 |                   | √              | √                     |                          |
| HV1            | HV1-9         | √               | √                 | √              |                       |                          |
|                | HV1-12        | √               | √                 | √              |                       |                          |
|                | HV1-14        | √               | √                 | √              |                       | √                        |
|                | HV1-16        | √               | √                 | √              |                       | √                        |
|                | HV1-19        |                 | √                 | √              |                       | √                        |
|                | HV1-21        |                 | √                 | √              |                       | √                        |
|                | HV1-24        |                 |                   | √              |                       |                          |
|                | HV1-26        |                 |                   | √              |                       |                          |
|                | HV1-28        |                 |                   | √              | √                     |                          |
|                | HV1-31        |                 |                   | √              | √                     |                          |
|                | HV1-33        |                 |                   | √              | √                     |                          |
|                | HV1-36        |                 |                   |                | √                     |                          |
| HV2            | HV2-14        | √               | √                 | √              |                       |                          |
|                | HV2-18        | √               | √                 | √              |                       |                          |
|                | HV2-21        | √               | √                 | √              |                       | √                        |
|                | HV2-25        | √               | √                 | √              |                       | √                        |
|                | HV2-28        |                 | √                 | √              |                       | √                        |
|                | HV2-32        |                 | √                 | √              |                       | √                        |
|                | HV2-36        |                 |                   | √              |                       |                          |
|                | HV2-39        |                 |                   | √              |                       |                          |
| HV4            | HV4-20        | √               | √                 | √              |                       |                          |
|                | HV4-25        | √               | √                 | √              |                       |                          |
|                | HV4-30        | √               | √                 | √              |                       | √                        |
|                | HV4-35        | √               | √                 | √              |                       | √                        |
|                | HV4-40        |                 | √                 | √              |                       | √                        |
|                | HV4-46        |                 |                   | √              |                       | √                        |
|                | HV4-51        |                 |                   | √              |                       |                          |
|                | HV4-56        |                 |                   | √              | √                     |                          |



## High voltage battery

□ Hoymiles Inverter.

| Battery Series | Battery Model | Inverter Series |                      |                      |
|----------------|---------------|-----------------|----------------------|----------------------|
|                |               | Hoymiles        |                      |                      |
|                |               | HY3 5K~10K HV   | HYT-5.0~12.0H V-EUG1 | HAT-5.0~10.0HV-E UG1 |
| Tower          | T7            | √               |                      |                      |
|                | T10           | √               | √                    | √                    |
|                | T14           | √               | √                    | √                    |
|                | T17           |                 | √                    | √                    |
|                | T21           |                 |                      |                      |
| HV1            | HV1-9         | √               |                      |                      |
|                | HV1-12        | √               | √                    | √                    |
|                | HV1-14        | √               | √                    | √                    |
|                | HV1-16        | √               | √                    | √                    |
|                | HV1-19        | √               | √                    | √                    |
|                | HV1-21        | √               | √                    | √                    |
|                | HV1-24        |                 | √                    | √                    |
|                | HV1-26        |                 | √                    | √                    |
|                | HV1-28        |                 |                      |                      |
|                | HV1-31        |                 |                      |                      |
|                | HV1-33        |                 |                      |                      |
|                | HV1-36        |                 |                      |                      |
| HV2            | HV2-14        | √               |                      |                      |
|                | HV2-18        | √               | √                    | √                    |
|                | HV2-21        | √               | √                    | √                    |
|                | HV2-25        | √               | √                    | √                    |
|                | HV2-28        | √               | √                    | √                    |
|                | HV2-32        | √               | √                    | √                    |
|                | HV2-36        |                 | √                    | √                    |
|                | HV2-39        |                 | √                    | √                    |
| HV4            | HV4-20        | √               | √                    | √                    |
|                | HV4-25        | √               | √                    | √                    |
|                | HV4-30        | √               | √                    | √                    |
|                | HV4-35        | √               | √                    | √                    |
|                | HV4-40        | √               | √                    | √                    |
|                | HV4-46        |                 | √                    | √                    |
|                | HV4-51        |                 | √                    | √                    |
|                | HV4-56        |                 |                      |                      |

**High voltage battery**

□ Ecactus 、Sunways 、Sofar Inverter.

| Battery Series | Battery Model | Inverter Series |                |               |                 |                   |
|----------------|---------------|-----------------|----------------|---------------|-----------------|-------------------|
|                |               | Ecactus         |                | Sunways       |                 | Sofar             |
|                |               | WH-SPA-3.6/5.0H | WH-SHC 362~602 | STH-3~8KTL-HS | STH-4~12KT L-HT | HYD 5K~20K TL-3PH |
| Tower          | T7            | √               | √              | √             |                 |                   |
|                | T10           | √               | √              | √             | √               | √                 |
|                | T14           | √               | √              | √             | √               | √                 |
|                | T17           |                 |                |               | √               | √                 |
|                | T21           |                 |                |               | √               | √                 |
| HV1            | HV1-9         | √               | √              | √             |                 |                   |
|                | HV1-12        | √               | √              | √             | √               | √                 |
|                | HV1-14        | √               | √              | √             | √               | √                 |
|                | HV1-16        | √               | √              | √             | √               | √                 |
|                | HV1-19        | √               | √              | √             | √               | √                 |
|                | HV1-21        |                 | √              | √             | √               | √                 |
|                | HV1-24        |                 |                |               | √               | √                 |
|                | HV1-26        |                 |                |               | √               | √                 |
|                | HV1-28        |                 |                |               | √               | √                 |
|                | HV1-31        |                 |                |               | √               | √                 |
|                | HV1-33        |                 |                |               | √               | √                 |
|                | HV1-36        |                 |                |               | √               | √                 |
| HV2            | HV2-14        | √               | √              | √             |                 |                   |
|                | HV2-18        | √               | √              | √             | √               | √                 |
|                | HV2-21        | √               | √              | √             | √               | √                 |
|                | HV2-25        | √               | √              | √             | √               | √                 |
|                | HV2-28        | √               | √              | √             | √               | √                 |
|                | HV2-32        |                 | √              | √             | √               | √                 |
|                | HV2-36        |                 |                |               | √               | √                 |
|                | HV2-39        |                 |                |               | √               | √                 |
| HV4            | HV4-20        | √               | √              | √             | √               | √                 |
|                | HV4-25        | √               | √              | √             | √               | √                 |
|                | HV4-30        | √               | √              | √             | √               | √                 |
|                | HV4-35        | √               | √              | √             | √               | √                 |
|                | HV4-40        | √               | √              | √             | √               | √                 |
|                | HV4-46        |                 |                |               | √               | √                 |
|                | HV4-51        |                 |                |               | √               | √                 |
|                | HV4-56        |                 |                |               | √               | √                 |

-  **High voltage battery**
- Thinkpower 、KOYOE 、Megarevo Inverter.

| Battery Series | Battery Model | Inverter Series |                    |                 |                |                |
|----------------|---------------|-----------------|--------------------|-----------------|----------------|----------------|
|                |               | Thinkpower      | KOYOE              | Megarevo        |                |                |
|                |               | EPH<br>4K~12KTL | KY-EST-6K<br>~10KH | R5K~11<br>K4 H1 | R6K~12<br>K H3 | MEGA010<br>0TS |
| Tower          | T7            |                 |                    | √               | √              |                |
|                | T10           | √               | √                  | √               | √              |                |
|                | T14           | √               | √                  |                 | √              |                |
|                | T17           | √               | √                  |                 | √              | √              |
|                | T21           | √               |                    |                 |                | √              |
| HV1            | HV1-9         |                 |                    | √               | √              |                |
|                | HV1-12        | √               | √                  | √               | √              |                |
|                | HV1-14        | √               | √                  | √               | √              |                |
|                | HV1-16        | √               | √                  | √               | √              |                |
|                | HV1-19        | √               | √                  |                 | √              |                |
|                | HV1-21        | √               | √                  |                 | √              |                |
|                | HV1-24        | √               | √                  |                 | √              | √              |
|                | HV1-26        | √               |                    |                 | √              | √              |
|                | HV1-28        | √               |                    |                 |                | √              |
|                | HV1-31        |                 |                    |                 |                | √              |
|                | HV1-33        |                 |                    |                 |                | √              |
|                | HV1-36        |                 |                    |                 |                | √              |
| HV2            | HV2-14        |                 |                    | √               | √              |                |
|                | HV2-18        | √               | √                  | √               | √              |                |
|                | HV2-21        | √               | √                  | √               | √              |                |
|                | HV2-25        | √               | √                  | √               | √              |                |
|                | HV2-28        | √               | √                  |                 | √              |                |
|                | HV2-32        | √               | √                  |                 | √              |                |
|                | HV2-36        | √               | √                  |                 | √              | √              |
|                | HV2-39        | √               |                    |                 | √              | √              |
| HV4            | HV4-20        | √               |                    | √               | √              |                |
|                | HV4-25        | √               | √                  | √               | √              |                |
|                | HV4-30        | √               | √                  | √               | √              |                |
|                | HV4-35        | √               | √                  | √               | √              |                |
|                | HV4-40        | √               | √                  |                 | √              |                |
|                | HV4-46        | √               | √                  |                 | √              |                |
|                | HV4-51        | √               |                    |                 | √              | √              |
|                | HV4-56        | √               |                    |                 |                | √              |



## High voltage battery

□ SAJ 、Ingeteam Inverter.

| Battery Series | Battery Model | Inverter Series |              |                                       |                           |
|----------------|---------------|-----------------|--------------|---------------------------------------|---------------------------|
|                |               | SAJ             |              | Ingeteam                              |                           |
|                |               | H2-3K~6K-S2     | H2-5K~10K-T2 | INGECON SUN STORAGE1 PLAY TL M 3~6 kW | INGECON SUN STORAGE 100TL |
| Tower          | T7            | √               |              | √                                     |                           |
|                | T10           | √               | √            | √                                     |                           |
|                | T14           | √               | √            | √                                     |                           |
|                | T17           |                 | √            |                                       |                           |
|                | T21           |                 |              |                                       |                           |
| HV1            | HV1-9         | √               |              | √                                     |                           |
|                | HV1-12        | √               | √            | √                                     |                           |
|                | HV1-14        | √               | √            | √                                     |                           |
|                | HV1-16        | √               | √            | √                                     |                           |
|                | HV1-19        | √               | √            | √                                     |                           |
|                | HV1-21        |                 | √            |                                       |                           |
|                | HV1-24        |                 | √            |                                       |                           |
|                | HV1-26        |                 | √            |                                       |                           |
|                | HV1-28        |                 |              |                                       |                           |
|                | HV1-31        |                 |              |                                       |                           |
|                | HV1-33        |                 |              |                                       | √                         |
|                | HV1-36        |                 |              |                                       | √                         |
| HV2            | HV2-14        | √               |              | √                                     |                           |
|                | HV2-18        | √               | √            | √                                     |                           |
|                | HV2-21        | √               | √            | √                                     |                           |
|                | HV2-25        | √               | √            | √                                     |                           |
|                | HV2-28        | √               | √            | √                                     |                           |
|                | HV2-32        |                 | √            |                                       |                           |
|                | HV2-36        |                 | √            |                                       |                           |
|                | HV2-39        |                 | √            |                                       |                           |
| HV4            | HV4-20        | √               |              | √                                     |                           |
|                | HV4-25        | √               | √            | √                                     |                           |
|                | HV4-30        | √               | √            | √                                     |                           |
|                | HV4-35        | √               | √            | √                                     |                           |
|                | HV4-40        | √               | √            |                                       |                           |
|                | HV4-46        |                 | √            |                                       |                           |
|                | HV4-51        |                 | √            |                                       |                           |
|                | HV4-56        |                 |              |                                       |                           |



## High voltage battery

## □ SOLINTEG Inverter.

| Battery Series | Battery Model | Inverter Series |               |               |              |
|----------------|---------------|-----------------|---------------|---------------|--------------|
|                |               | SOLINTEG        |               |               |              |
|                |               | MHT-50K-100     | MHT-4K~12K-25 | MHT10K~20K-40 | MHS-3K~8K-30 |
| Tower          | T7            | √               | √             | √             | √            |
|                | T10           | √               | √             | √             | √            |
|                | T14           | √               | √             | √             | √            |
|                | T17           | √               | √             | √             |              |
|                | T21           | √               | √             | √             |              |
| HV1            | HV1-9         | √               | √             | √             | √            |
|                | HV1-12        | √               | √             | √             | √            |
|                | HV1-14        | √               | √             | √             | √            |
|                | HV1-16        | √               | √             | √             | √            |
|                | HV1-19        | √               | √             | √             | √            |
|                | HV1-21        | √               | √             | √             |              |
|                | HV1-24        | √               | √             | √             |              |
|                | HV1-26        | √               | √             | √             |              |
|                | HV1-28        | √               | √             | √             |              |
|                | HV1-31        | √               | √             | √             |              |
|                | HV1-33        |                 |               |               |              |
|                | HV1-36        |                 |               |               |              |
| HV2            | HV2-14        | √               | √             | √             | √            |
|                | HV2-18        | √               | √             | √             | √            |
|                | HV2-21        | √               | √             | √             | √            |
|                | HV2-25        | √               | √             | √             | √            |
|                | HV2-28        | √               | √             | √             | √            |
|                | HV2-32        | √               | √             | √             |              |
|                | HV2-36        | √               | √             | √             |              |
|                | HV2-39        | √               | √             | √             |              |
| HV4            | HV4-20        | √               | √             | √             | √            |
|                | HV4-25        | √               | √             | √             | √            |
|                | HV4-30        | √               | √             | √             | √            |
|                | HV4-35        | √               | √             | √             | √            |
|                | HV4-40        | √               | √             | √             | √            |
|                | HV4-46        | √               | √             | √             |              |
|                | HV4-51        | √               | √             | √             |              |
|                | HV4-56        | √               | √             | √             |              |



## High voltage battery

□ Deye、Solplanet Inverter.

| Battery Series | Battery Model | InverterSeries            |                                        |                  |                  |
|----------------|---------------|---------------------------|----------------------------------------|------------------|------------------|
|                |               | Deye                      |                                        | Solplanet        |                  |
|                |               | SUN-6K~15K-SG01HP3-EU-AM2 | SUN-25/30/35/40/50K-SG01HP3-EU-BM2/3/4 | ASW08/10/12KH-T1 | ASW08/10/12KH-T3 |
| Tower          | T7            | √                         | √                                      | √                | √                |
|                | T10           | √                         | √                                      | √                | √                |
|                | T14           | √                         | √                                      | √                | √                |
|                | T17           | √                         | √                                      | √                | √                |
|                | T21           | √                         | √                                      |                  |                  |
| HV1            | HV1-9         | √                         | √                                      | √                | √                |
|                | HV1-12        | √                         | √                                      | √                | √                |
|                | HV1-14        | √                         | √                                      | √                | √                |
|                | HV1-16        | √                         | √                                      | √                | √                |
|                | HV1-19        | √                         | √                                      | √                | √                |
|                | HV1-21        | √                         | √                                      | √                | √                |
|                | HV1-24        | √                         | √                                      | √                | √                |
|                | HV1-26        | √                         | √                                      | √                | √                |
|                | HV1-28        | √                         | √                                      |                  |                  |
|                | HV1-31        |                           | √                                      |                  |                  |
|                | HV1-33        |                           | √                                      |                  |                  |
|                | HV1-36        |                           |                                        |                  |                  |
| HV2            | HV2-14        | √                         | √                                      | √                | √                |
|                | HV2-18        | √                         | √                                      | √                | √                |
|                | HV2-21        | √                         | √                                      | √                | √                |
|                | HV2-25        | √                         | √                                      | √                | √                |
|                | HV2-28        | √                         | √                                      | √                | √                |
|                | HV2-32        | √                         | √                                      | √                | √                |
|                | HV2-36        | √                         | √                                      | √                | √                |
|                | HV2-39        | √                         | √                                      | √                | √                |
| HV4            | HV4-20        | √                         | √                                      | √                | √                |
|                | HV4-25        | √                         | √                                      | √                | √                |
|                | HV4-30        | √                         | √                                      | √                | √                |
|                | HV4-35        | √                         | √                                      | √                | √                |
|                | HV4-40        | √                         | √                                      | √                | √                |
|                | HV4-46        | √                         | √                                      | √                | √                |
|                | HV4-51        | √                         | √                                      | √                | √                |
|                | HV4-56        | √                         | √                                      |                  |                  |



## High voltage battery

□ RENAC 、Autarco Inverter.

| Battery Series | Battery Model | Inverter Series        |                   |                    |                           |
|----------------|---------------|------------------------|-------------------|--------------------|---------------------------|
|                |               | RENAC                  | Autarco           |                    | SINENG                    |
|                |               | N3-HV-5.0/6.0/8.0/10.0 | S2.LH5K/6K/8K/10K | LH5K/6K/8K/10K-MII | SN-3.0/3.6/4.0/5.0/6.0 HS |
| Tower          | T7            | √                      | √                 | √                  | √                         |
|                | T10           | √                      | √                 | √                  | √                         |
|                | T14           | √                      | √                 | √                  | √                         |
|                | T17           | √                      | √                 | √                  |                           |
|                | T21           | √                      |                   |                    |                           |
| HV1            | HV1-9         | √                      | √                 | √                  | √                         |
|                | HV1-12        | √                      | √                 | √                  | √                         |
|                | HV1-14        | √                      | √                 | √                  | √                         |
|                | HV1-16        | √                      | √                 | √                  | √                         |
|                | HV1-19        | √                      | √                 | √                  | √                         |
|                | HV1-21        | √                      | √                 | √                  |                           |
|                | HV1-24        | √                      | √                 | √                  |                           |
|                | HV1-26        | √                      | √                 | √                  |                           |
|                | HV1-28        | √                      |                   |                    |                           |
|                | HV1-31        |                        |                   |                    |                           |
|                | HV1-33        |                        |                   |                    |                           |
|                | HV1-36        |                        |                   |                    |                           |
| HV2            | HV2-14        | √                      | √                 | √                  | √                         |
|                | HV2-18        | √                      | √                 | √                  | √                         |
|                | HV2-21        | √                      | √                 | √                  | √                         |
|                | HV2-25        | √                      | √                 | √                  | √                         |
|                | HV2-28        | √                      | √                 | √                  |                           |
|                | HV2-32        | √                      | √                 | √                  |                           |
|                | HV2-36        | √                      | √                 | √                  |                           |
|                | HV2-39        | √                      | √                 | √                  |                           |
| HV4            | HV4-20        | √                      | √                 | √                  | √                         |
|                | HV4-25        | √                      | √                 | √                  | √                         |
|                | HV4-30        | √                      | √                 | √                  | √                         |
|                | HV4-35        | √                      | √                 | √                  | √                         |
|                | HV4-40        | √                      | √                 | √                  |                           |
|                | HV4-46        | √                      | √                 | √                  |                           |
|                | HV4-51        | √                      | √                 | √                  |                           |
|                | HV4-56        | √                      |                   |                    |                           |



## High voltage battery

## □ Kostal Inverter.

| Battery Series | Battery Model | InverterSeries               |                                 |                               |                                  |
|----------------|---------------|------------------------------|---------------------------------|-------------------------------|----------------------------------|
|                |               | Kostal                       |                                 |                               |                                  |
|                |               | PLENTICORE<br>plus<br>3.0~10 | PLENTICORE<br>plus-G2<br>3.0~10 | PLENTICORE<br>BI<br>5.5/10-26 | PLENTICORE<br>BI-G2<br>5.5/10-26 |
| Tower          | T7            | √                            | √                               | √                             | √                                |
|                | T10           | √                            | √                               | √                             | √                                |
|                | T14           | √                            | √                               | √                             | √                                |
|                | T17           | √                            | √                               | √                             | √                                |
|                | T21           |                              |                                 |                               |                                  |
| HV1            | HV1-9         |                              |                                 |                               |                                  |
|                | HV1-12        |                              |                                 |                               |                                  |
|                | HV1-14        |                              |                                 |                               |                                  |
|                | HV1-16        |                              |                                 |                               |                                  |
|                | HV1-19        |                              |                                 |                               |                                  |
|                | HV1-21        |                              |                                 |                               |                                  |
|                | HV1-24        |                              |                                 |                               |                                  |
|                | HV1-26        |                              |                                 |                               |                                  |
|                | HV1-28        |                              |                                 |                               |                                  |
|                | HV1-31        |                              |                                 |                               |                                  |
|                | HV1-33        |                              |                                 |                               |                                  |
|                | HV1-36        |                              |                                 |                               |                                  |
| HV2            | HV2-14        |                              |                                 |                               |                                  |
|                | HV2-18        |                              |                                 |                               |                                  |
|                | HV2-21        |                              |                                 |                               |                                  |
|                | HV2-25        |                              |                                 |                               |                                  |
|                | HV2-28        |                              |                                 |                               |                                  |
|                | HV2-32        |                              |                                 |                               |                                  |
|                | HV2-36        |                              |                                 |                               |                                  |
| HV4            | HV4-20        |                              |                                 |                               |                                  |
|                | HV4-25        |                              |                                 |                               |                                  |
|                | HV4-30        |                              |                                 |                               |                                  |
|                | HV4-35        |                              |                                 |                               |                                  |
|                | HV4-40        |                              |                                 |                               |                                  |
|                | HV4-46        |                              |                                 |                               |                                  |
|                | HV4-51        |                              |                                 |                               |                                  |
|                | HV4-56        |                              |                                 |                               |                                  |



## High voltage battery

□ Afore Inverter.

| Battery Series | Battery Model | InverterSeries   |                 |  |  |  |
|----------------|---------------|------------------|-----------------|--|--|--|
|                |               | Afore            |                 |  |  |  |
|                |               | AF3K~9<br>.6K-DH | AF3K~30<br>K-TH |  |  |  |
| Tower          | T7            | √                | √               |  |  |  |
|                | T10           | √                | √               |  |  |  |
|                | T14           | √                | √               |  |  |  |
|                | T17           |                  | √               |  |  |  |
|                | T21           |                  | √               |  |  |  |
| HV1            | HV1-9         | √                | √               |  |  |  |
|                | HV1-12        | √                | √               |  |  |  |
|                | HV1-14        | √                | √               |  |  |  |
|                | HV1-16        | √                | √               |  |  |  |
|                | HV1-19        | √                | √               |  |  |  |
|                | HV1-21        | √                | √               |  |  |  |
|                | HV1-24        |                  | √               |  |  |  |
|                | HV1-26        |                  | √               |  |  |  |
|                | HV1-28        |                  | √               |  |  |  |
|                | HV1-31        |                  | √               |  |  |  |
|                | HV1-33        |                  | √               |  |  |  |
|                | HV1-36        |                  |                 |  |  |  |
| HV2            | HV2-14        | √                | √               |  |  |  |
|                | HV2-18        | √                | √               |  |  |  |
|                | HV2-21        | √                | √               |  |  |  |
|                | HV2-25        | √                | √               |  |  |  |
|                | HV2-28        | √                | √               |  |  |  |
|                | HV2-32        | √                | √               |  |  |  |
|                | HV2-36        |                  | √               |  |  |  |
|                | HV2-39        |                  | √               |  |  |  |
| HV4            | HV4-20        | √                | √               |  |  |  |
|                | HV4-25        | √                | √               |  |  |  |
|                | HV4-30        | √                | √               |  |  |  |
|                | HV4-35        | √                | √               |  |  |  |
|                | HV4-40        | √                | √               |  |  |  |
|                | HV4-46        |                  | √               |  |  |  |
|                | HV4-51        |                  | √               |  |  |  |
|                | HV4-56        |                  | √               |  |  |  |