

25.6V

LiFePO4 Battery Pack

FLA-EU Series

Features

-  Scalable expansion up to 15 pcs in parallel.
-  Built-in WiFi for remote monitor the battery pack data.
-  Flexible Installation: wall-mounted or floor-mounted.
-  LiFePO4: Higher safe performance and longer cycle life.
-  Multiple Protection with built-in smart BMS, breaker and fuse.
-  Compatible with leading inverter brands.
-  Up to 10-year long warranty.

FLA24100-EU



FLA24171-EU



FLA24230-EU



FLA24280-EU



FLA24460-EU



Model	FLA24100-EU	FLA24171-EU	FLA24230-EU	FLA24280-EU	FLA24460-EU
Battery Type	LiFePO4				
Nominal Energy	2.56kWh	4.4kWh	5.9kWh	7.15kWh	11.7kWh
Nominal Voltage	25.6V	25.6V	25.6V	25.6V	25.6V
Operating Voltage	22.4-28.8V	22.4-28.8V	22.4-28.8V	22.4-28.8V	22.4-28.8V
Max. Continuous Charge/Discharge Current[1]	100A	120A	150A	150A	200A
Peak Charge/Discharge Current(15s)	150A	150A	200A	200A	300A
Max. Charge/Discharge Power(15s)	2,500W	3,000W	3,840W	3,840W	5,000W
Scalability	Max. 15 pcs in Parallel(38.4kWh)	Max. 15 pcs in Parallel(66kWh)	Max. 15 pcs in Parallel(88.5kWh)	Max. 15 pcs in Parallel(107.25kWh)	Max. 15 pcs in Parallel(177kWh)
Depth of Discharge(DOD)	≥ 95%				
Communication	RS485/CAN				
Protection Degree	IP21				
Cycle Life	≥6,000 Cycles				
Charging Temperature Range	0°C~+55 °C				
Discharging Temperature Range	-20°C~+55 °C				
Display type	LCD+LED				
Installation	Wall-Mounted / Floor-Mounted				
Protection	Built-in Smart BMS, Breaker, Fuse				
Warranty Period	10 Years				
Product Weight	27KG	39KG	52.5KG	71KG	93KG
Package Weight	30KG	44KG	57KG	90KG	113KG
Product Dimension	454X380X154MM	482X433X194MM	527X400X280MM	700X430X253MM	783X405X274MM
Package Dimension	543X472X232MM	600X555X282MM	646X522X358MM	780X550X427MM	900X525X450MM

[1] Max. Continuous Charge/Discharge Current is Affected by Temperature and SOC.

*Product specifications may vary during continuous improvements. Please contact us for latest details.

*Refer to Felicitysolar's Warranty Policy for applicable conditions.

Product Display



Longer Lasting LiFePO4 Battery



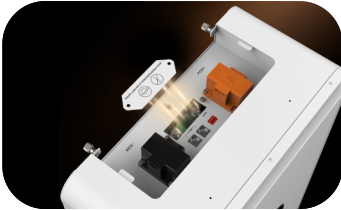
Built-in WiFi/Bluetooth



Max. 15 Units in Parallel



Over-voltage Trip Protection



Easy Fuse Replacement Design



Real-time Status via LCD Display

