

12.8V

LOW-voltage LiFePO4 Battery

FLA Series

Features



Remote Monitoring
via Fsolar APP



Max. 16 Units
in Parallel



High Compatibility with
Leading Inverter Brands



5-year Warranty



FLA 12.8V Series

The battery's size varies according to its capacity.



Model	FLA12100PG2		FLA12200PG2	FLA12300PG2
Battery Type	LiFePO4			
Energy	1.28kWh		2.56kWh	3.75kWh
Nominal Voltage	12.8V		12.8V	12.8V
Operating Voltage	11.2-14.4V		11.2-14.4V	11.2-14.4V
Max.Continuous Charge/Discharge Current[1]	100A		120A	150A
Peak Charge/Discharge Current(15s)	150A		200A	200A
Max.Charge/Discharge Power	1,250W		1,500W	1,875W
Depth of Discharge(DOD)	≥ 95%		≥ 95%	≥ 95%
Scalability	Up to 16 units in parallel(20.48kWh)		Up to 16 units in parallel(40.96kWh)	Up to 16 units in parallel(60kWh)
Max. Series Connections	4 Units			
Communication	CAN2.0/RS485/WIFI/Bluetooth			
Protection Level	IP21			
Cycle Life[2]	≥ 6,000 Cycles			
Charging Temperature Range	0-55 °C			
Discharging Temperature Range	-20-55 °C			
Display	LED			
Installation	Floor-Mounted			
Protection	Built-in smart BMS, Fuse			
Warranty	5 Years			
Net Weight	10.3kg		15.5kg	26kg
Gross Weight	12.3kg		18.5kg	29kg
Product Dimension	295×201×199MM		329×248×199MM	379×241×286MM
Package Dimension	357×263×261MM		391×310×257MM	438×300×344MM
[1] Max. Continuous Charge/Discharge Current is Affected by Temperature and SOC.				
[2] Test conditions: 0.2C Charging/Discharging @25°C,80% DOD				

