51.2V WALL/FLOOR-MOUNTED LIFEPO4 SERIES

LV 16.12KWH

Advanced LiFePO4 Technology
Lithium iron phosphate(LFP) Battery, longer cycle life, stable performance

Advanced Protection
Smart BMS & Protective Circuit Breaker Reliable protection against electric fault

Multi-language Support
Touch screen, easy to operate,supports multiple languages

Reliable Power
Up to 15 years service life

Flexible Configuration
Support up to 16 units in parallel

APP Monitoring
Real-time monitor from Bluetooth & Wi-Fi

Full-featured
Cooling Fan, Active Balancer, Touch Screen, Fire Protection



Model	LV 16.12KWH
Battery Chemistry	Lithium iron phosphate(LiFePO4)
Rated Voltage(V)	51.2
Operating Voltage Range(V)	43.2-57.6
Charge/Discharge Cut-off Voltage(V)	58.4/43.2
Capacity(Ah)	315
Energy(Wh)	16076
Cycle Life	≥10000 Cycles (@80% DoD, 25℃/0.5C)
Max. CHG/DSCHG Current(A)	200
Dimension(L*W*H,mm)	885*500*255
Weight Approximate(kg)	128
Communication Port	RS485, CAN, RS232
Parallet Connection	Up to 16 units in parallel
Protection Level	IP55
Charge Temperature Range	0℃~60℃
Discharge Temperature Range	-20℃~60℃(Under 0℃ work with reduced capacity)
Storage Temperature Range	-40℃~55℃ @ 60±25% relative humidity
Inverter Compatibility	DEYE, Victron, Growatt, Solis, Sofar, Goodwe, etc
Full-featured	WiFi/Bluetooth Heat Resistance Layers Active Balancer Protective Circuit Breaker Cooling Fan Touch Screen Fire Protection
Warranty	10 Years (warranty or cycle life, whichever comes first)
Multi Language	Support(Include Arabic & Kurdish)