



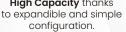
The most advanced Lithium Iron phosphate Module For home and industrial energy storage systems













Monitoring & Remote Maintenance.



5 Year Parts/Replacement Warranty & Lifetime Free Service Warranty







Model	SM-LFP-5.12K
Battery System Capacity (kWh)	5.12 kWh
Single Module Nominal Voltage (V)	51.2 V
Application	Low Voltage
Parallel Application	Up to 15 Packs (follow the parallel procudure)
Cluster Net Capacity	76.8kwh per LV System
BMS Voltage Range (V)	44.8V - 57.6V
Cell Capacity (Ah)	100
Charge / Discharge Current (A)	100
DoD% (Up to)	90%
Battery Protection	Over Charge/Over Discharge/Over Tempreture/Over Current/Short Circuit
Communication Port	Can, RS485, RS232,
Remote Monitering & Setting	Wifi, Bluetooth
Discharge Temperature /°C**	-20 ~ 55
Charge Temperature /°C**	0 ~ 55
IP Rating	IP20
Altitude (m)	<3000
Cycle Life	>6000 / 25°C SOH 80%
Features	Pre-Charge+Fuse LV+ Auto Contactor + BMS+ Multi BMS FW management
Installation	Wall Mounted/Floor Mounted/Stacked
Dimension (WxDxH mm)	556x576x154.5
Weight (Kg)	49KG
Certification	UN38.3

See Performance Warranty Terms and the Standard Test Conditions "STC" for operative temperature and standard current.

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