Battery Storage

Li-5

Features

- 10 years warranty; Ultra safe LFP material
- 1C rate continuous charge/discharge
- Multi protection to avoid over discharge; Short circuit protection
- Smart BMS management for longer lifespan
- Flexible remote upgrade
- Parallel up to 32 modules
- Active balancing charging, low self consumption

Model	Li-5
Cell Type	LFP
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Voltage	51.2V
Charge Voltage	56.5V
Max. Charge / Discharge Current	100A
Discharge Peak Current	105A / 15s, 150A / 0.5s
Parallel	Up to 32 units parallelable w/o extra device needed, slave battery drops offline or come back alive does not affect system running
IP Level	IP20
Dimension (W × H × D)	452.6 × 165 × 481 mm / 17.8 × 6.5 × 18.9 in
Weight	50 kg / 110.2 lbs
Communication	CAN / RS485
Humidity	5% ~ 85%RH (No condensation)
Work Temperature	-20 ~ +55°C
Storage Temperature	-10 ~ +35°C
Remote Maintenance	Flexible remote upgrade, Original firmware backup to prevent upgrade failure
Warranty *	10 years, 6000 cycles
Certification	CE; UN38.3; IEC62619
Protection	Overcharge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection

@25℃, 90% DOD. 0.5C testing condition