

PSHIELD



Features



IP65 enclosure & Built-in heating system, designed for outdoor use & extreme weather.



1C rate continuous charge/discharge



Second level protection, robust applications



Parallel up to 32 modules



Ultra safe LFP material, 10 year warranty.



DC Breaker built-in



Handy monitor & flexible remote upgrade.



Active balancing charging, low self consumption



Smart BMS management for longer lifespan

Model	PSHIELD
Cell Type	LFP
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Voltage	51.2V
Charge Voltage	57.2V
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	IP65
Dimension (W × H × D)	500 × 650 × 167 mm / 19.7 × 25.6 × 6.6 in
Weight	60 kg / 132.3 lbs
Communication	CAN / RS485
Humidity	5% ~ 85%RH (No condensation)
Work Temperature	-20°C~ +55°C, heating system built-in
Storage Temperature	-10°C~ +35°C
Remote Maintenance	Handy monitor & flexible remote upgrade, Original firmware backup to prevent upgrade failure
Warranty *	10 years, 6000 cycles
Certification	CE; UN38.3; IEC62619
Protection	Over charge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection

@25°C, 90% DOD. 0.5C testing condition