

Battery Storage

PSHIELD



IP65 built-in with heating for extreme outdoor use



DC Breaker built-in



Parallel up to 32 modules



Wide range inverter compatibility



1C rate continuous charge/discharge



Ultra safe LFP material, 10-year warranty



Handy monitor & flexible remote upgrade



Second level protection, robust applications



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*167mm / 19.7*25.6*6.6 in
Weight	60kg / 132.3lbs
Communication	CAN/RS485
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA Goodwe, Growatt, Sofar, Solark, SRNE, Must
Humidity	5%~85% RH (No condensation)
Work Temperature	-20℃ ~ +55℃, heating system built-in
Storage Temperature	-10℃ ~ +35℃
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℃, 90% DOD. 0.5C testing condition