

Battery Storage

PSHIELD MAX



Parallel up to 32 modules.



8000 cycles,
10 year warranty



Auto addressing when
parallel



Wide range inverter
compatibility



0.5C rate continuous
charge/discharge.



Handy monitor & flexible
remote upgrade.



Second level protection,
robust applications.



Active balancing charging,
low self consumption.



Wheels or standing
foot optional



Heating system & Fire suppression optional,
designed for outdoor use & extreme weather.

Model	PSHIELD MAX
Cell Type	LFP
Rated Energy	16.076kWh
Rated Capacity	314Ah
Rated Voltage	51.2V
Charge Voltage (Vdc)	56.5V
Battery Charge Current (A)	165(max continuous) 170(start limit current to 10A, retest every 10 minutes) 180(peak1 15S), 200(peak2 500ms)
Battery Discharge Current (A)	200 (max continuous) 205 (start giving over-current alarm but not stop discharging) 210 (peak1 5minutes) 220 (peak2 500ms)
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)	475*900*236mm / 18.7*35.4*9.3 in
Weight	125kg/ 275.6 lbs
Communication	CAN/RS485
Robust Applications	Auto-addressing and stronger protection
DOD	90%
Cycles	8000
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA Goodwe, Growatt, Sofar, Solark, SRNE, Must
Humidity	5%~85% RH (No condensation)
Work Temperature	-20 °C ~ +55 °C
Storage Temperature	-10 °C ~ +35 °C
Remote Maintenance	Flexible remote upgrade, Original firmware backup to prevent upgrade failure
Warranty *	10 year, 8000 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