

# PSHIELD MAX



## Features



Parallel up to 32 modules



8000 cycles, 10 year warranty



Auto addressing when parallel



0.5C rate continuous charge/discharge



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



Handy monitor & flexible remote upgrade.



Second level protection, robust applications.



Active balancing charging, low self consumption



Wheels or standing foot optional

| Model                     | PSHIELD MAX  |
|---------------------------|--|
| Cell Type                 | LFP  |
| Rated Energy              | 16.076kWh  |
| Rated Capacity            | 314Ah  |
| Rated Voltage             | 51.2V  |
| Charge Voltage            | 56.5V  |
| Battery Charge Current    | 160A (Max. continuous)<br>165A (Start limit current to 10A, retest every 10 minutes)<br>180A (Peak1 15s)<br>200A (Peak2 500ms)                               |
| Battery Discharge Current | 200A (Max. continuous)<br>205A (Start giving over-current alarm but not stop discharging)<br>210A (Peak1 5min)<br>220A (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 × 236 × 900 mm / 18.7 × 9.3 × 35.4 in  |
| Weight                    | 125 kg / 275.6 lbs   |
| Communication             | CAN / RS485  |
| Robust Applications       | Auto-addressing and stronger protection  |
| DOD                       | 90%  |
| Cycles                    | 8000   |
| Humidity                  | 5% ~ 85%RH (No condensation)   |
| Work Temperature          | -20 ~ +55°C  |
| Storage Temperature       | -10 ~ +35°C  |
| Remote Maintenance        | Flexible remote upgrade,<br>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<br>Short circuit protection/Reverse connection protection/<br>Charge balance/Low SOC protection |

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