

51.2V/314Ah/16.076kWh



PowerShield

Max

FEATURES

- 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.
- Smart BMS management for longer lifespan.
- Quality design for robust applications.
- Heating system built in, designed for outdoor use
- Fire suppression built in, wheels or foot brackets options
- Top box optional to hide exposed wires

Half
Crater Continuous Power

10
Year Warranty

32
Units Stackable

65
IP65 for Outdoor Use



| Model Name | PowerShield Max |
|--------------------------------|---|
| Cell Type | LFP |
| Rated Energy | 16.076kWh |
| Rated Capacity | 314Ah |
| Rated Voltage | 51.2V |
| Charge Voltage (Vdc) | 57.2V |
| | 160 (max continuous) |
| Battery Charge Current(A) | 165 (start limit current to 10A, retest every 10 minutes) 180 (peak1 15S), 200 (peak2 500ms) |
| | 200 (max continuous) |
| Battery Discharge Current(A) | 205 (start giving over-current alarm but not stop discharging) 210 (peak1 5minutes), 220 (peak2 500ms) |
| Max. Continuous Discharge Rate | 10.24kW |
| Parallel | Up to 32 units parallel w/o extra device needed, 256 units parallel with hub, slave battery drops offline or come back alive does not affect system running |
| IP Level | IP65 |
| Dimension(W*D*H,mm) | 900*475*236mm |
| Weight | 119Kg |
| Communication | CAN/RS485 |
| Robust Applications | Auto-addressing and stronger protection |
| DOD | 90% |
| Cycles | 8000 |
| Compatible Inverter | Victron, Luxpower, Deye, Voltronic, SMA, Ingeteam, Goodwe, Growatt, Solis, Sofar, Solark, SRNE, Must |
| Humidity | 5%~85% RH (No condensation) |
| Work Temperature | -20 °C ~ +55 °C |
| Remote Maintenance | Flexible remote upgrade, Original firmware backup to prevent upgrade failure |
| Warranty * | 10 year, 8000 cycles |
| Certification | CE UN38.3 IEC62619 UL1973 UL9540A |
| 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



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