

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
Crate 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
Battery Charge Current(A)	160 (max continuous) 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 120S), 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*235mm
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 Charge/Discharge Temperature	0 °C ~ +55 °C / -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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