

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	
		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)		
Parallel	Up to 32 units parallel w/o extra device needed, 100 units parallel with hub, slave battery dropoffline or come back alive does not affect system running		
IP Level	IP65		
Dimension(W*D*H,mm)	900*475*236mm		
Weight	125Kg		
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		
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



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