

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)		
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



Guiyang, China



info@hinaess.com



www.hinaess.com

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