

51.2V/314Ah/16.076kWh



## // 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.
- Active balancing charging, low self consumption.
- Heating system & Fire suppression optional,
- designed for outdoor use & extreme weather.
- Wheels or standing foot optional

# PowerShield Max



**Half**  
Crate Continuous Power

**10**  
Year Warranty

**32**  
Units Stackable

**65**  
IP65 for Outdoor Use

Model Name	PowerShield Max
Cell Type	LFP
Rated Power	16.076kWh
Rated Capacity	314Ah
Rated Voltage	51.2V
Charge Voltage (Vdc)	56.5V
Battery Charge Current(A)	165(max continuous) 170(start limit current to 10A, retest every 10 minutes) 180(peak1 15S), 200(peak2 500ms)
Battery Discharge Current(A)	165(max continuous) 170 (start giving over-current alarm but not stop discharging) 180(peak1 5minutes), 200(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)	475*236*900mm
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
Storage Temperature	-10 °C ~ +35 °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



Guiyang, China



info@hinaess.com



www.hinaess.com

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For a Blue Future