

Together
For a Blue Future



1C
Continuous Power

10
Year Warranty

50
Units Stackable

65
IP65 for Outdoor Use

WIFI
Free Monitor

Power *Shield*

// FEATURES

- WiFi / Bluetooth available
- DC Breaker built-in
- Parallel up to 50 modules
- Wide range inverter compatibility
- 1C rate continuous charge/discharge
- Ultra safe LFP material, 10 year warranty
- Handy monitor & flexible remote upgrade
- Second level protection, robust applications
- Smart BMS management for longer lifespan
- Fire suppression built-in, quality design
- IP65 enclosure & Built-in heating system designed for outdoor use & extreme weather





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Model	PowerShield
Cell Type	LFP
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Voltage	51.2V
Charge Voltage	57.2V
Max Charge/Discharge Current	100A
Discharge Peak Current	105A / 15s, 150A / 0.5s
Parallel	Up to 50 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	450*171.5*680mm
Weight	60Kg
Cycles	6000
Communication	CAN/RS485
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA Goodwe, Growatt, Sofar, Solark, SRNE, Must
Humidity	5%~85% RH (No condensation)
Work Charge/Discharge Temperature	0 ℃ ~ +55 ℃ / -20 ℃ ~ +55 ℃, heating system built-in
Dod	90%
Remote Maintenance	Handy monitor & flexible remote upgrade, Original firmware backup to prevent upgrade failure
Warranty *	10 year, 6000 cycles (*Conditions apply, refer to HINAESS Limited Warranty Terms)
Certification	CE UN38.3 IEC62619
Protection	Over charge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection