

**Together**  
For a Blue Future

**HINAESS**  
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*680*171.5mm
Weight	56.65Kg
Communication	CAN/RS485
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, heating system built-in
Dod	90%
Remote Maintenance	Flexible remote monitor and maintenance, Original firmware backup to prevent upgrade failure
Warranty *	10 year, 6000 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