

Together
For a Blue Future

HINAESS
TOGETHER FOR A BLUE FUTURE



1C
Continuous Power

10
Year Warranty

32
Units Stackable

65
IP65 for Outdoor Use

Power **Shield**

// **FEATURES**

- DC Breaker built-in.
- Parallel up to 32 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.
- Quality design for robust applications.
- IP65 enclosure & Built-in heating system, designed for outdoor use & extreme weather.



 Guiyang, China
 info@hinaess.com
 www.hinaess.com

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 32 units parallelable w/o extra device needed, slave battery drops offline or come back alive does not affect system running
IP Level	IP65
Dimension	500*650*167mm
Weight	60Kg
Communication	CAN/RS485
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, 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
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