HINAESS
TOGETHER FOR A BLUE FUTURE

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PowerGem

Load Shedding? Not On Our Watch.

FEATURES

1C Continuous Power

10 Year Warranty

32 Units Stackable

NEAT

10 year warranty
Ultra safe LFP material
Elegant enclosure design
Floor-standing / wall-mounting

HANDY

Quick installation
Remote monitoring
Flexible remote upgrade
Auto-addressing for master / slaves set up

ROBUST

Parallel up to 32 modules
Wide range inverter compatibility
1C rate continuous charge/discharge
Multi protection to avoid over discharge
Smart BMS management for longer lifespan
Active balancing charging, low self consumption

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Together
For a Blue Future

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Model	PowerGem
Cell Type	LFP
Rated Power	5.12kWh
Rated Capacity	100Ah
Rated Voltage	51.2V
Charge Voltage	56.5V
Max Charge/Discharge Current	100A
Discharge Peak Current	105A / 15s, 120A / 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	IP20
Dimension	640*428*166mm
Weight	58Kg
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
Storage Temperature	-10 °C ~ +35 °C
Remote Maintenance	Flexible remote upgrade, remote monitoring 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 Stronger active balance, Low SOC protection

* @ 25°C, 90% Dod, 0.5C testing condition