

PowerGem

Load Shedding? Not On Our Watch.

FEATURES

1C
Continuous Power

10
Year Warranty

50
Units Stackable

WiFi
Free Monitor

NEAT

WiFi / Bluetooth available
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 50 modules
Wide range inverter compatibility
1C rate continuous charge/discharge
Multi protection to avoid over discharge
Smart BMS management for longer lifespan
Quality design for robust applications
Heating system & Fire suppression optional





| Model | PowerGem |
|------------------------------|--|
| 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 | IP20 |
| Dimension | 390*620*170mm |
| Weight | 54Kg |
| 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 Temperature | -20 °C ~ +55 °C |
| 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 Stronger active balance, Low SOC protection |