

# 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
- Quality design for robust applications





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 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	54Kg
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
Dod	90%
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