



POWERWALL LiFePO4 LITHIUM ION BATTERIES



Safe lithium
battery
technology



Lithium-iron
phosphate battery
(LiFePO₄)



Supports
series &
parallel use



Multiple
safety
protections



Intelligent
balancing
function

MODEL NO. 12Z-IN-G100

MODEL NO. 12Z-IN-G150

MODEL NO. 12Z-IN-G200

TECHNICAL SPECIFICATIONS	100AH	150AH	200AH
Nominal voltage	12.8V	12.8V	12.8V
Rated capacity	100Ah	150Ah	200Ah
Rated energy	1.28Kwh	1.92Kwh	2.56Kwh
Standard charge current	50A	75A	100A
Maximum continuous discharge current	100A	100A	150A
Charging Cut-off voltage	14.6V	14.6V	14.6V
Discharge cut-off voltage	10.4V	10.4V	10.4V
Charge temperature range	0~50°C	0~50°C	0~50°C
Discharge temperature range	-20~55°C	-20~55°C	-20~55°C
Cycle Life	≥3000 Cycles	≥3000 Cycles	≥3000 Cycles
Dimension	200*148*280	370*160*300	370*160*300
Weight (kg)	10.8	18	23
Warranty	2 Years	2 Years	2 Years
Protection Level	IP20	IP20	IP20
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619	UN38.3/CE-EMC/IEC62619	UN38.3/CE-EMC/IEC62619
Compatible inverters	Inverex/Growatt/Voltronic/Deye/Victron/Luxpower/Goodwe/Sofar, etc.		
Prosa	Can be used in both off-grid and hybrid setups, compact design		

 APP Monitoring (optional)

 Real-time monitoring & Remote upgrade available

 Module Design Flexible expansion

 Various Mounting Methods

 Wall-mounted, floor standing and stacked

 High Safety LFP

 Cell level monitoring and balancing

 Wide Compatibility

 Matching with leading inverters

