

ZING 12.8V 100Ah

Wall-Mounted LiFePO4 Battery

Model: 12Z-IN-G100 Wall Mounted

Compact lithium iron phosphate battery designed for wall-mounted energy storage applications, with integrated BMS protection and maintenance-free operation.



NOMINAL VOLTAGE
12.8V

CAPACITY
100Ah

ENERGY
1.28 kWh

CYCLE LIFE
4000+ @ 80% DoD

ELECTRICAL & BATTERY SPECIFICATIONS

Brand	ZING Battery
Mounting Type	Wall Mountable
Battery Type	Lithium Iron Phosphate (LiFePO4)
Design Life	8-10 years typical
Built-in BMS	Yes - Overcharge, Over-discharge, Overcurrent, Short Circuit, Temperature Protection
Charge Voltage	14.4V +/- 0.2V
Discharge Cut-off	10.8V +/- 0.2V
Max Continuous Charge Current	50A
Max Continuous Discharge Current	100A
Peak Discharge Current	150A (for 3-5 seconds)

ENVIRONMENTAL & INSTALLATION

Operating Temperature (Charge)	0 deg C to 55 deg C
Operating Temperature (Discharge)	-20 deg C to 60 deg C
Storage Temperature	-10 deg C to 35 deg C
Enclosure Material	Fire-retardant ABS / Metal (depending on variant)
Terminal Type	Easy-connect terminals
Maintenance	Zero maintenance
Certifications	CE, RoHS, UN38.3 (transport certified)
Installation	Wall mounted (brackets included)
Nominal Voltage	12.8V
Nominal Capacity	100Ah

■ LiFePO4 chemistry	■ Integrated BMS protection	■ 100A continuous discharge
■ 150A peak discharge	■ Wall-mount installation	■ Zero maintenance

Technical data reproduced from the specifications provided. Product appearance and enclosure details may vary by variant. Verify the final installation and application requirements against the manufacturer documentation before commissioning.