



Power Your life with **Atom Power**

– A Smart Battery Solution for Reliable, Everyday **Energy Storage**!

The Atom Power Wall, featuring **Lithium-Ion Technology**, offers reliable, long-lasting energy storage with flexible placement options for **Wall mounting** or **Tabletop** use. It supports parallel connections for extended capacity and features an interactive LCD display. Experience **Seamless Monitoring** through our intuitive **Online Dashboard**, designed for real-time insights & smarter energy management.



Long Cycle Life



Advanced Battery
Management
System



Fast Charging
and Discharging



Environmentally
Friendly



Remote
Monitoring



Quiet
Operation



WiFi
Enabled

Empowering Every Moment with Reliable Lithium-ion Energy Storage

Specifications	2.56kWh	5.12kWh
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Main Parameters

Battery Type:	LiFePO4	LiFePO4
Capacity:	100 AH	100 AH
Nominal Voltage:	25.6V	51.2V
Operating Voltage Range:	21.6V to 28.8V	43.2V to 57.6V
Energy Capacity:	2.56 kWh	5.12 kWh
Usable Capacity:	2.30 kWh	4.60 kWh
User Interface:	LCD Screen	LCD Screen
Battery Cycles:	6000 @ 0.5C (at 25°C, 70% EOL)	6000 @ 0.5C (at 25°C, 70% EOL)

Charge / Discharge

Recommended Current:	50 A	50 A
Maximum Current:	100 A	100 A
Depth of Discharge:	90%	90%

Environment

Protection Rating:	IP31	IP21
Altitude Limit:	< 2000 m	< 2000 m
Storage Temperature Range:	0°C to 45°C	0°C to 35°C
Humidity Tolerance:	5% to 95%	5% to 95%
Operating Temperature Range:	-10°C to 50°C	-10°C to 50°C

Connectivity

Connectivity	Wi-Fi (for cloud)	Wi-Fi (for cloud)
	CAN and RS485 (for inverter)	CAN and RS485 (for inverter)

Mechanical

Weight:	30kg	50kg
Mounting Options:	Wall & Table-Top	Wall & Table-Top
Size:	580 x 320 x 190mm	580 x 520 x 190mm

Real-Time Dynamic Battery Monitoring



Seamless Energy Control
Right from Your Screen



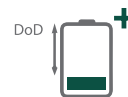
Compatible with Most Inverters

Works with most modern solar inverters, making it versatile and easy to integrate into existing solar setups.



Temperature Resistance

Operates effectively in a range of temperatures (-10°C to 50°C), ensuring reliable performance in most climates.



High Discharge (DoD)

Allows a DoD of around 90%, meaning you can use more of the battery's capacity without compromising its lifespan.



Clean Backup Power

Provides a green alternative for backup power, eliminating fuel dependency and emissions during power outages.



Zero Maintenance

Unlike lead-acid batteries, lithium-ion requires zero regular maintenance, reducing lifetime cost of ownership.

