

# RESIDENTIAL

## THE FUTURE RUNS ON LITHIUM

Our wall-mounted battery is compact and stylish, saving you more space. Its smart design and easy installation make it a perfect fit for any place, from homes and offices to industrial areas. It provides reliable and efficient energy storage every day.

LV-BAT-W2.56DA  
25.6V 100AH 2.56KWH



### FEATURES

#### Product Features



New Wall mounted Design

#### Flexible Capacity



Max.15pcs in Parallel to extend capacity

#### Safe & Reliable



Grade A Energy Storage Lithium Battery

#### LED Indicator



Power status display

#### Easy Installation



Rapid parallel connection of battery terminals



## PERFORMANCE

## LV-BAT-W2.56DA

Nominal Voltage	25.6 Vdc
Nominal Capacity	100Ah
Battery Energy	2560Wh
Charge Voltage	28.08 Vdc
Discharge Voltage	22.8 Vdc
Nominal Charge/Discharge Current	50A
Nominal Charge/Discharge Power	1280W
Max Charge/Discharge Current	100A
Max Charge/Discharge Power	2560W
Short Circuit Current	200A/3ms

## COMMUNICATION

Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN

## GENERAL SPECIFICATION

Parameter	Value
Dimension(W×D×H)mm	403×396×145mm
Weight (kg)	26.68KG
Installation	Floor stand or Wall mounted
Charging Temperature Range	0°C ~ 55°C
Discharge Temperature Range	-20°C ~ 60°C
Operating /Storage/humidity	≤95%RH
Max Operating Altitude	<2000m
IP Rating	IP20
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 80% DOD /25°C/0.5C, 60%EOL
Scalability	Max 15 batteries in parallel

### NOTE:

1. Test condition: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C.
2. Charge/discharge derating occurs when the operating temperature from -10°C to 55°C drifts to 55°C.