

# LWS-5K-C

## LV Wall-mounted Residential Energy Storage System



## Product Features



### High-Safety

- Integrated firefighting module (optional)
- Lithium Iron Phosphate (LFP) Cell



### High efficiency

- Smart BMS with balance function make it have a high efficiency



### Household appliance style

- Simple and elegant appearance, colorful LED running & SOC lighting decorate your house



### 1C charge & discharge

- Supports 1C charge & discharge, perfectly matched 5KW inverter



### Remote monitoring

- Optional for Bluetooth & WIFI App, easy to monitoring the battery



### TOP waterproof design

- IP65 protection grade for top of battery

Item	Parameters
Cell model	LFP 3.2V 100Ah
Combination mode	1P16S
Rated energy	5.12kWh
Useable energy	4.86kWh
Rated capacity	100Ah @0.5C@25°C
Rated voltage	51.2V
Voltage range	43.2~57.6V
Rated charge/discharge current	50A (0.5C)
Max charge/discharge current	100A (1C)
Cycle life	≥ 6000 cycles @70%EOL@0.5C/0.5C@25°C
Operation temperature range	Charge: 0~55°C Discharge: -20~55°C
Storage conditions	≤ 3months @-20~45°C ≤ 6 months @0~35°C
Relative humidity	5~95%
Altitude	≤ 4000m
Protection grade	IP65 for top, others IP20
Installation mode	Wall mounted / floor mounted
Firefighting (optional)	Aerosol
Max. parallel numbers	16
Communication	CAN / RS485 / WIFI
Dimension (W*D*H)	450*160*548.2, ±2
Weight	45±2kg
Certification	UN38.3
Compatible Inverter	Solis/Deye/Goodwe/Growatt/Solplanet/Luxpower/ Victron energy/Must/Voltronic etc.