



PRODUCT INTRODUCTION

LFP-Powerwall box, a Low-voltage lithium battery. With a scalable modular design, the capacity range can be expanded from 10.24kWh to 102.4kWh. The modules are connected by cables to support high-power work and are easy to install and maintain. Long life technology ensures more than 6000 cycles with 90% DOD.

Convenient

Wall mounted battery&compact design, ease of installation

Compatible

Compatible with multiple inverters
Multiple communication interfaces RS232, RS485, CAN

Compliant

Ip65 Protection,
indoor application

Scalable

Use of parallel connection;
from 2 to 10 modules

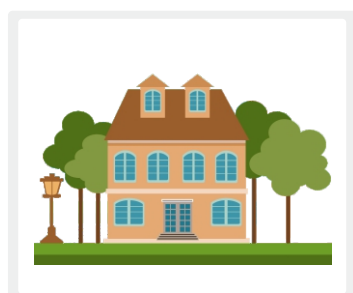
Sufficient

High energy density,
110Wh/kg

Safe

Multiple protection
LiFePO4 material, safe and long life

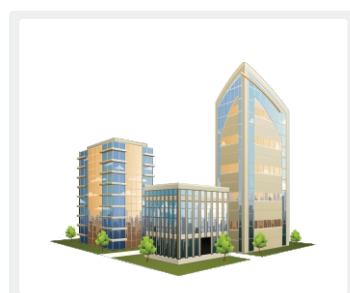
APPLICATION SCENARIOS:



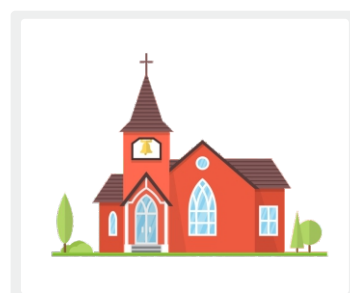
Family



Small store



Office



Church

PERFORMANCE SPECIFICATIONS

Model	TG-WB-10.24kW
Nominal Voltage	51.2V
Cell model/Configuration	3.2V 100Ah(ANC)/16S2P
Capacity(Ah)	200AH
Rated Energy(KWH)	10.24KWH
Usable Energy(KWH)	9.2KWH
Max. Charge/Discharge Current(A)	100A /100A
Voltage Range(Vdc)	48-56.5V
Scalability	Up to 10 parallel
Communieation	RS232-PC,RS485(B)-BAT RS485(A)-Inverter,Canbus-Inverter
Cycle Life	25±2°C, 0.5C/0.5C, 80% DOD ≥6000
Design Life	≥10Years(25°C)

MECHANICAL SPECIFICATIONS

Weight(Approx)(KG)	96kg
Dimension (W/D/H)(mm)	485*690*186(226 Including hanger)mm
Installation Mode	Wall hanging
IP Grade	Ip65

SECURITY AND CERTIFICATION

Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC,UL1973
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054
Protection	BMS, Breaker

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature(°C)	Charge:-10°C~50°C; Discharge: -20°C-50°C
Altitude (m)	≤2000
Humidity	≤95%(Non-condensing)

*Text and images correspond to the current state of technology at the time of printing. Subject to modifications.
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