

# Low Voltage Home Energy Storage



## Energy Storage Lifepo4 Powerwall Box Model 25.6V/51.2V



Higher specific energy



Easy to install



Long cycle life



Support parallel operation



Environmental protection and no pollution



Support deep customization

### Product Features

- ◆ LFP(Lithium Iron Phosphate) cell to ensure the highest safety
- ◆ Built-in BMS protects the cell such as temperature,current,voltage,Soc,Soh
- ◆ Extra long cycle life times with 6000 cycles with 80% DoD
- ◆ Data communication with most of the inverters on the market

### Technical Data

#### Basic Parameters

Rated Voltage	25.6V		51.2V	
Rated Capacity	100Ah	200Ah	100Ah	200Ah
Rated Energy	2.56kWh	5.12kWh	5.12kWh	10.24kWh
Output Voltage Range	21.6V~29.2V		43.2V~58.4V	
Charging Voltage	28.8~29.2V		57.6~58.4V	
Cut-off Voltage	21.6V		43.2V	
Max.Charging Current	100A			
Recommended Charging Current	50A			
Max.Discharging Current	100A			
Efficiency	>98%			
Dimension L*W*H( mm)	434*384*142	650*384*142	650*384*142	680*412*231
Weight(kg)	≈25	≈48	≈48	≈86
Humidity	5%~95% Relative humidity			
Charging Temperature	0°C~55°C			
Discharging Temperature	-20°C~60°C			
Storage Temperature	-10°C~30°C			
Cycle Life	>6000 times(0.2c, @25°C, 80%DOD )			
Design Life	>10 years			
Operating Mode	Touch Screen			