

ENERGY STORAGE BATTERY SERIES



Low Voltage (24V) Household Energy Storage Solution



Wall-Mounted Energy Storage Lithium (LiFePO₄) Battery

Parameters	Data Sheet		
Model	LVW2.5	LVW5.8S/8.0S	LVW5.8/8.0
Nominal Voltage	25.6V	25.6V	25.6V
Nominal Capacity	100Ah	228Ah/314Ah	228Ah/314Ah
Battery Energy	2.56kWh	5.83kWh/8.03kWh	5.83kWh/8.03kWh
Weight	≈26.5Kg	≈48Kg/60Kg	≈47.5Kg/59.5Kg
Dimensions(L*W*H)	410*258(285)*145(168.5)mm	410*343(369.5)*235(258.5)mm	410*343(369.5)*235(258.5)mm
Discharging Cut-off Voltage	22.4V± 0.2V	22.4V± 0.2V	22.4V± 0.2V
Charging Cut-off Voltage	28.8V± 0.2V	28.8V± 0.2V	28.8V± 0.2V
Discharging Current	Recommend / 50A; Max. / 100A; Peak / 105A(5 sec)	Recommend / 100A; Max. / 200A; Peak / 210A(5 sec)	Recommend / 100A; Max. / 200A; Peak / 210A(5 sec)
Charging Current	Recommend / 30A ; Max. / 50A	Recommend / 40A ; Max. / 100A	Recommend / 40A ; Max. / 100A
HMI Interface	3.2 inch Display Screen	4.3 inch Touch Display Screen	3.2 inch Display Screen
Communication Mode	/	RS485 / CAN	/
Terminal	M8		
Case Material	Metal Box		
Cell Type	LiFePO ₄ Battery		
Working Temperature	0°C~50°C Charge / -10°C~50°C Discharge		
The Shelf Temperature	-20°C~60°C		
Humidity	5~95%(RH)		
Design Life Cycle	10+Years (25°C/77°F)		

*The corresponding parameters are for a single battery module. The actual data will change as the number of parallel connections increases. If you have any questions, please feel free to consult us.