

ENERGY STORAGE BATTERY SERIES

Low Voltage (24V/48V) Household Energy Storage Solution



10Kwh~32Kwh Large Energy Storage Lithium (LiFePO4) Battery

Parameters	Data Sheet			
Model	LVM10	LVM15	LVM15L	LVM30L
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	200~230Ah	280~314Ah	280~314Ah	560~625Ah
Battery Energy	10.24~11.77Kwh	14.3~16Kwh	14.3~16Kwh	28.6~32Kwh
Weight	≈89Kg	≈117Kg	≈120Kg	≈230Kg
Dimensions(L*D*H)	437*262*730mm	437*262*878mm	640*262*616mm	830*272*700(775)mm
Discharging Cut-off Voltage	44.8V± 0.2V			44.8V± 0.2V
Charging Cut-off Voltage	57.6V± 0.2V			57.6V± 0.2V
Discharging Current	Recommend / 100A; Max. / 200A; Peak / 210A(5 sec)			Recommend / 200A; Max. / 300A; Peak / 310A(5 sec)
Charging Current	Recommend / 40A; Max. / 100A			Recommend / 75A; Max. / 150A
Cell Type	LiFePO4 Battery			
Terminal	M8			
Case Material	Metal Box			
Communication Mode	RS485 / CAN / (Optional WIFI / BT)			
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)			
Cycle Life	≥6500			