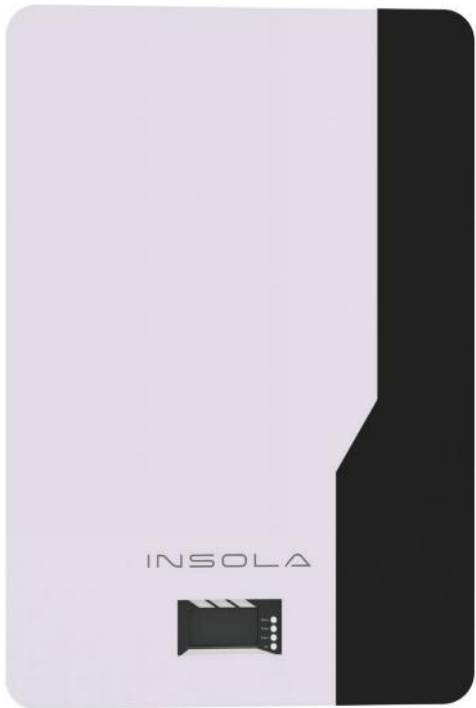


51.2V Energy Storage LiFePO4 Battery

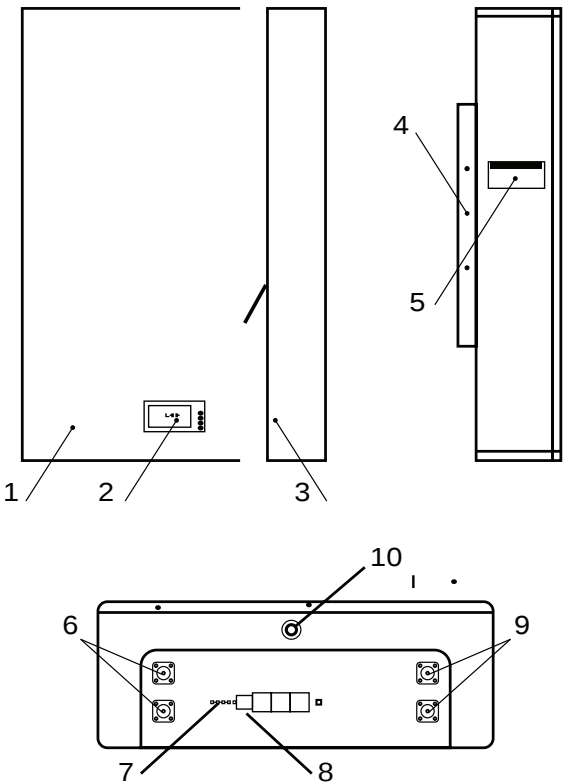
Features

- LCD monitor the energy storage power data and operating status.
- High-quality LiFePO4 battery, safety, deep cycle and long lifespan.
- Product round edge be more safe, avoid accident collision.
- Eternal main switch to reduce product power consumption and improve safety.
- Wall brackets, which can meet the installation and use of different place.
- BMS bulit inside, over-voltage, over-load, over-temperature protection, etc.
- Compatible, can be connected to different types of loads within the voltage range.
- Support up to 15 modules in parallel.



Structural parts description

- | | |
|----|-----------------------------|
| 1 | White plate |
| 2 | LCD display |
| 3 | Black plate |
| 4 | Wall mounted bracket |
| 5 | Handle |
| 6 | M6 Positive terminal (2pcs) |
| 7 | Battery indicator |
| 8 | RS485 /CAN |
| 9 | M6 Negative terminal (2pcs) |
| 10 | OFF/ON |



Parameters

	Model	M16S100BL-V	M16S200BL-V
Basic Characteristics	Nominal Voltage	51.2V	51.2V
	Nominal Capacity	100Ah	200Ah
	Efficiency	≥96%	≥96%
	Inner Resistance	10mQ	7mQ
	Cell Type	LiFePO4	LiFePO4
Charging Characteristics	Charge Voltage	58.4V	58.4V
	Standard Charging Current	20A	40A
	Max.Continuous Charging Current	100A	100A
	Standard Discharge Current	20A	40A
Discharge Characteristics	Continuous Discharge Current	100A	100A
	Peak Discharge Current	200A(3S)	200A(3S)
	Discharge Cut-off Voltage	42V	42V
	Charge Temperature Range	0~60℃	0~60℃
Environmental Requirements	Discharge Temperature Range	-10℃~65℃	-10℃~65℃
	Storage Temperature Range	-5~40℃	-5~40℃
	Storage Humidity	65±20%HR	65±20%HR
	Size(LxWxH)	445×170×560mm	445×206×675mm
Mechanical Characteristics	Package Size (L×W×H)	632×512×255mm	755×525×395mm
	Shell Material	SPCC	SPCC
	Net Weight	43kg	76kg
	Gross Weight	45kg	94kg
Others Characteristics	Package Method	1pcs per carton	1pcs per carton
	Cycle Life	≥6000 times	≥6000 times
	Self Discharge	2% per month	2% per month
	SOC Indication	LED Light& LCD Screen	LED Light& LCD Screen
	Communication Protocol	RS485/CAN	RS485/CAN
	Matching Inverter	Growatt, Goodwe, Deye, Luxpower, SRNE etc	

Parameters

