

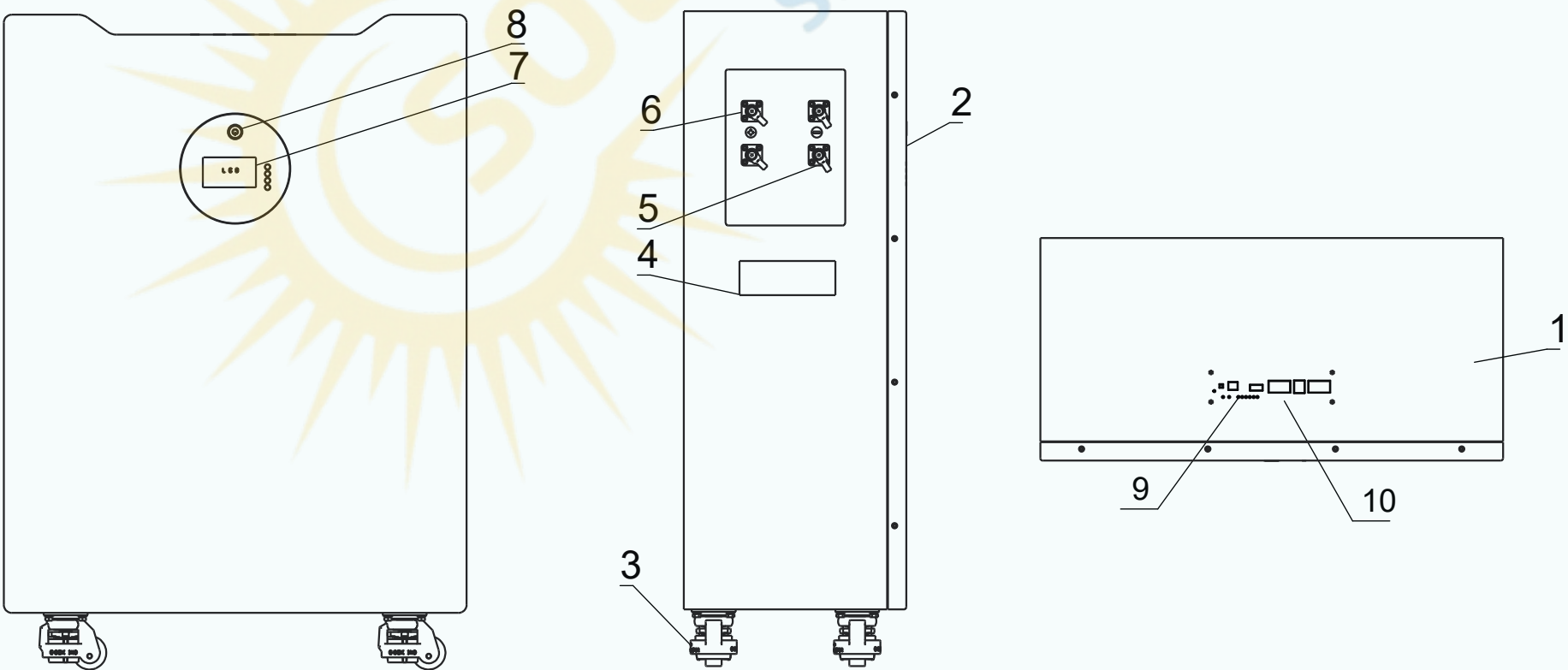
51.2V Energy Storage LiFePO₄ Battery

Features

- ◆ LCD monitor the energy storage power data and operating status.
- ◆ High-quality LiFePO₄ battery, safety, deep cycle and long lifespan.
- ◆ Metal shell, waterproof and explosion-proof.
- ◆ External main switch to reduce product power consumption and improve safety.
- ◆ The mobile bottom wheel can meet the installation and use of different places.
- ◆ BMS built 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	Bottom plate	6	M6 Positive Terminal(2PCS)
2	Front plate	7	LCD display
3	Wheel	8	ON/OFF
4	Handle	9	Battery indicator
5	M6 Negative Terminal(2PCS)	10	RS485 /CAN

51.2V Energy Storage LiFePO₄ Battery

Parameters

	Model	M16S300BL-V
Basic Characteristics	Nominal Voltage	51.2V
	Nominal Capacity	300Ah
	Efficiency	≥96%
	Inner Resistance	50mΩ
	Cell Type	LiFePO ₄
Charging Characteristics	Charge Voltage	58.4V
	Standard Charging Current	60A
	Max.Continuous Charging Current	200A
Discharge Characteristics	Standard Discharge Current	60A
	Continuous Discharge Current	200A
	Peak Discharge Current	400A(3S)
	Discharge Cut-off Voltage	42V
Environmental Requirements	Charge Temperature Range	0~60℃
	Discharge Temperature Range	-20℃~65℃
	Storage Temperature Range	-5~40℃
	Storage Humidity	65±20%HR
Mechanical Characteristics	Size(LxWxH)	580×750×279mm
	Package Size (L×W×H)	750×910×495mm
	Shell Material	SPCC
	Net Weight	125g
	Gross Weight	145kg
	Package Method	1pcs per carton
Others Characteristics	Cycle Life	≥6000 times
	Self Discharge	2% per month
	SOC Indication	LED Light& LCD Screen
	Communication Protocol	RS485/CAN
	Warranty	5/10 years(Optional)

Product application diagram

