

The Micergy M-Power series is a high-performance, scalable battery energy storage system designed for residential power back-up and off-grid scenarios, thanks to the built-in smart BMS, it allows up to 15 units in parallel connection to meet tailored power needs, besides, it provides the protection and recovery functions of overvoltage, undervoltage, overcurrent, high temperature, low temperature, short circuit and charging reverse connection. Realize the SOC precise measurement and SOH health status statistics in the process of charging and discharging, now enjoy the safety power with M-Power.



High Flexibility.

Up to 15 pcs in parallel, scalable from 15.36kWh to 230.4kWh.



Wide Compatibility.

Matching with leading battery inverters.



Easy maintenance.

Cell level replacement simple by bolt and nut connection



APP monitoring(Optional).

Real-time monitoring by Bluetooth or WiFi



Compact sleek streamline design



Blade Cell, Super Thin Design



Long lifespan, 8000 cycles

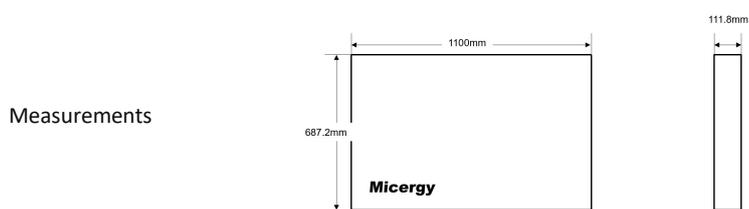


User-friendly, 2.8" touch screen



CAN/RS485 Communication

GENERAL SPECIFICATIONS		Model	SD-150-2
Electrical Performance	Nominal Energy	30.72kWh	
	Nominal Voltage	51.2V	
	Nominal Capacity	300Ah*2	
	Operating Voltage Range	44.8V-58.4V	
	Cycling Performance	>8000 Cycle @ 0.5C, 25°C, 70%EOL	
Operating Parameters	Maximum Charging Current(A)	200A	
	Maximum Discharging Current(A)	200A	
	Charging Cut-off Voltage(V)	44.8V	
	Discharge Cut-off Voltage(V)	58.4V	
	Recommended Charging Current(A)	100A	
	Recommended Discharging Current(A)	100A	
	Humidity	0-95%	
	Altitude	≤2000m	
	Charging Temperature	0°C-65°C	
	Discharging Temperature	-20°C-65°C	
	Storage Temperature	-20°C-45°C, SOC:20%-50%	
Physical Parameters	Cell Type	LiFePO4 Blade Cell	
	Cell Capacity	3.2V/150Ah	
	Product Dimension(W*H*D, mm)	Single Module(1100*687.2*111.8)	
	Gross Weight	300kg	
	Ingress Protection Protection	IP20	
	Installation	Wall-mounted/Standing	
Communication	Communication	Standard(CAN, RS485), Optional(Bluetooth, WiFi)	
	Compatitible Inverter Brand	Deye, Pylon, Voltronic, Growatt, SRNE, Luxpower, Goodwe etc...	
	Display	2.8" Touch Screen, LED Indicators	
	Scalability	Max. 15pcs in Parallel with Automatic Addressing Function	
Warranty	Warranty	10 Years	
	Design Performance Life	20 Years	



* System Usable Energy may vary with different Inverter.

* Charging and discharging performance may vary with Temperature and SOC.

Micergy

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