

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 7.68kWh to 115.2kWh.



Wide Compatibility.

Matching with leading battery inverters.



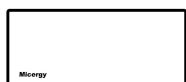
Easy maintenance.

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



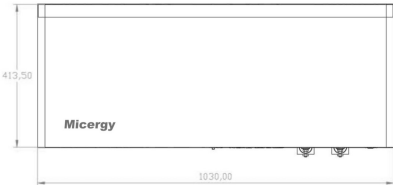
User-friendly, 2.8"
touch screen



CAN/RS485
Communication

GENERAL SPECIFICATIONS	Model SK-150	
Electrical Performance	Nominal Energy 30.72kWh	
	Nominal Voltage 51.2V	
	Nominal Capacity 150Ah*4	
	Operating Voltage Range 43.2V-58.4V	
	Cycling Performance >8000 Cycle @ 0.5C, 25°C, 70%EOL	
Operating Parameters	Maximum Charging Current(A)	100A
	Maximum Discharging Current(A)	100A
	Charging Cut-off Voltage(V)	43.2V
	Discharge Cut-off Voltage(V)	58.4V
	Recommended Charging Current(A)	≤50A
	Recommended Discharging Current(A)	≤50A
	Humidity	0-95%
	Altitude	≤2000m
	Charging Temperature	0°C-65°C
	Discharging Temperature	-20°C-65°C
Physical Parameters	Storage Temperature	-20°C-45°C, SOC:20%-50%
	Product Dimension(W*H*D, mm)	Single Module(1030*413.5*156.5)
	Gross Weight	300kg
	Ingress Protection Protection	IP20
Communication	Installation	Stacking
	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
Warranty	Scalability	Max. 15pcs in Parallel with Automatic Addressing Function
	Warranty	10 Years
	Design Performance Life	20 Years

Measurements



* System Usable Energy may vary with different Inverter.

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

Micergy

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