

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 16 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 16 pcs in parallel, scalable from 2.56kWh to 40.96kWh.



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



Wall-mounted,
space saving



Long lifespan,
6000 cycles



User-friendly, 2.8''
touch screen

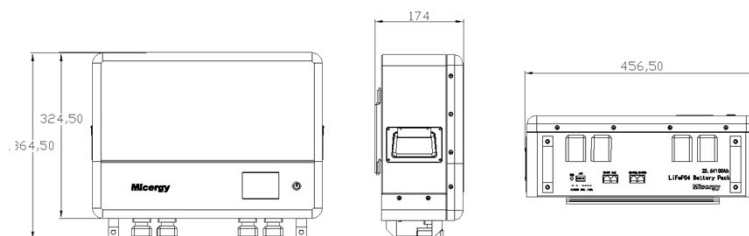


CAN/RS485
Communication

GENERAL SPECIFICATIONS

Physical Parameters	Cell Type	LiFePO4 Prismatic Cell
	Cell Manufacturer	EVE
	Product Dimension(mm)	456×364×174
	Package Dimension(mm)	500*410*220
	Net Weight	28.7
	Gross Weight	30
	Ingress Protection Protection	IP21 (Indoor)
Electrical Performance	Installation	Wall-mounted
	Nominal Energy	2.56kWh
	Nominal Voltage	25.6V
	Nominal Capacity	100Ah
	Operating Voltage Range	20V--29.2V
	Cycling Performance	0.5C, >6000 Cycle @ 80% DoD, 25°C, 80%EOL
	Operating Parameters	Maximum Charging Current(A)
Maximum Discharging Current(A)		100A
Charging Cut-off Voltage(V)		29.2V
Discharge Cut-off Voltage(V)		20V
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
Communication	Storage Temperature	-20°C-45°C, SOC:20%-50%
	Communication	Standard(CAN, RS485), Optional(Bluetooth, WiFi)
	Compatible Inverter Brand	Deye, Voltronic, Growatt, SRNE, invt, Sorotec, Must etc...
	Display	Touch Screen, LED Indicators
	Scalability	Max. 16pcs in Parallel
Warranty	Warranty	10 Years
	Design Performance Life	15 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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