

M-Power Series Wall-Mounted Energy Storage Battery Packs | WM-100

The Micergy M-Power series is a high-performance, scalable battery energy storage system designed for residential and light commercial & industrial 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 5.12kWh to 76.8kWh.



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,
8000 cycles



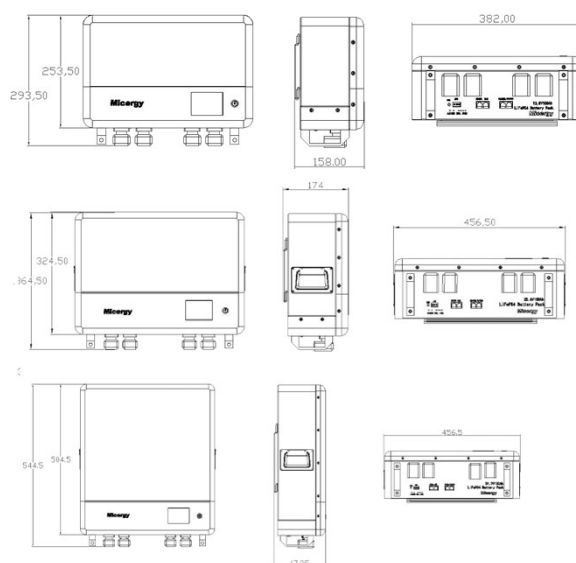
User-friendly, 2.8"
touch screen



CAN/RS485
Communication

GENERAL SPECIFICATIONS	Model	WM-100-128	WM-100-256	WM-100-512
Electrical Performance	Nominal Energy	1.28kWh	2.56kWh	5.12kWh
	Nominal Voltage	12.8V	25.6V	51.2V
	Nominal Capacity	100Ah	100Ah	100Ah
	Operating Voltage Range	10V-14.6V	20V-29.2V	40V-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)	14.6V	29.2V	58.4V
	Discharge Cut-off Voltage(V)	10V	20V	40V
	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		
	Storage Temperature	-20°C-45°C, SOC:20%-50%		
Physical Parameters	Cell Type	LiFePO4 Prismatic Cell		
	Cell Capacity	3.2V/100Ah		
	Product Dimension(W*H*D, mm)	382*290*156	455*362*172	455*542*172
	Package Dimension(W*H*D, mm)	430*340*200	500*410*220	500*585*220
	Net Weight	17.3kg	28.7kg	50kg
	Gross Weight	18.5kg	30kg	52kg
	Ingress Protection Protection	IP21 (Indoor)		
	Installation	Wall-mounted		
Communication	Communication	Standard(CAN, RS485), Optional(Bluetooth, WiFi)		
	Compatible 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		

Measurements



* System Usable Energy may vary with different Inverter.

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