



Ease Series

(IP21, 5 Year Warranty)



Patent Super Thin Design

By using Grade A LiFePO4 Blade Cell, the super-thin design brings greater energy density within a smaller space, it can be easily installed by wall-mounted or just put on the table, which well matches the house surroundings.



Lead Acid Replacement

The LiFePO4 battery cells are produced with a longer lifespan of 8000 cycles @0.5C, which lowers lifetime ownership cost significantly compared with the lead-acid battery.



Safest Battery

The blade cells incorporate features that significantly enhance their thermal stability and resistance to fire risk. The cells won't even catch fire when punctured or crushed.



Upgrade from Solar Home System

The 12.8V/2kWh Version designed with built-in 4*12V 5521 DC barrel jack port for 12V DC appliances like LED light, fan, TV etc. which seamlessly upgrade solar home system user with bigger battery capacity without wasting the DC appliances.



Smart BMS

The 51.2V/8kWh Version comes with smart BMS, which support up to 15 pcs in parallel for scalability and compatible with mainstream inverter brand.

Lithium Battery Pack

Energy	2kWh	4kWh	8kWh
Voltage	12.8V	25.6V	51.2V
Capacity	156Ah	156Ah	156Ah



GENERAL SPECIFICATIONS		MCG-1220-BAT	MCG-2440-BAT	MCG-4880-BAT
Electrical Performance	Nominal Energy	2 kWh	4 kWh	8 kWh
	Nominal Voltage	12.8 V	25.6 V	51.2 V
	Nominal Capacity	156 Ah	156 Ah	156 Ah
	Operating Voltage Range	10 V - 14.6 V	20 V - 29.2 V	40 V - 58.4 V
	Cycling Performance	>8000 Cycle @ 0.5C, 25°C, 70% EOL		
Operating Parameters	Maximum Charging Current(A)	120 A	150 A	150 A
	Maximum Discharging Current(A)	120 A	150 A	150 A
	Charging Cut-off Voltage(V)	14.6 V	29.2 V	58.4 V
	Discharge Cut-off Voltage(V)	10 V	20 V	40 V
	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 Blade Cell		
	Cell Capacity	3.2V/156 Ah		
	Product Dimension(W*H*D, mm)	1180*260*75mm	1180*260*95mm	1180*260*135mm
	Package Dimension(W*H*D, mm)	1250*355*130mm	1250*355*145mm	1250*355*180mm
	Net Weight (Kg)	26.5kg	38.5kg	73kg
	Gross Weight (Kg)	28.5kg	40.5kg	75kg
	Ingress Protection	IP21 (Indoor)		
	Installation	Wall-Mounted/Standing		
Communication	Communication	/	/	CAN, RS485
	Compatible Inverter Brand	/	/	Micergy/Mainstream
	Display	LCD Screen	LCD Screen	2.8" Touch Screen
	Scalability	/	/	Max. 15pcs
Warranty	Warranty	5 Years	5 Years	8 Years
	Design Performance Life	15 Years		

* Product specifications are subject to change without further notice.