MECC-6/15-LV

All In One Inverter and Battery System

Designed for Families

- Support Off-grid/Hybrid output.
- Multiple charge and discharge modes available.

User Friendly

- Get started quickly and use it instantly.
- Mini. dimension, saving space in the home.

Safety

- High quality LiFePO4 cells.
- Smart Lithium ion battery management system.

Easy to Install

- No matching and commissioning required.
- Plug-and-play, eliminate the clutter of wires.

WiFi / Bluetooth

- Remote diagnosis and real-time data monitoring

Smart BMS

- Very smart and good quality BMS to protect itself very well

Support fitting

- We will help you install after receiving the goods

≥6000 Cycles

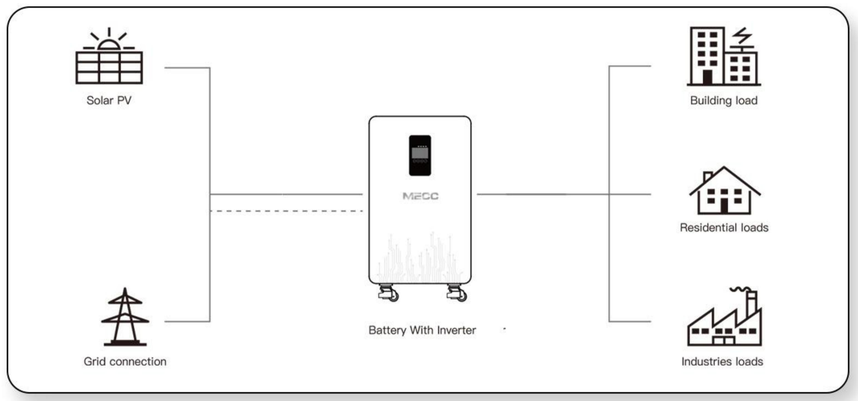
- Best Quality, Long Cycles Life

5 Years Warranty

- Good After Sales Service

Application scenarios

House | Farm | Telecom | Countryside | Island | Pasture

MODEL	MECC-3.6KW	MECC-7KW	MECC-15.6KW
Product Type			
PV INPUT			
Max. PV Input Power	5000W	5000W	9000W
Max. DC Input Voltage	500Vdc	500Vdc	500Vdc
Max. Input Current	18A	18A	27A
MPPT Voltage Range	40V~450V	40V~450V	60V~450V
AC INPUT			
Nominal Operating Voltage	230Vac	230Vac	230Vac
Nominal Operating Frequency	50/60Hz	50/60Hz	50/60Hz
Max. Input Current	20A	20A	40A
AC OUTPUT			
Rated Output Power	3600VA/3600W	4200VA/4200W	6000VA/6000W
Nominal AC Output Voltage	208/220/230/240Vac	208/220/230/240Vac	208/220/230/240Vac
Nominal AC Frequency	50/60Hz	50/60Hz	50/60Hz
Surge Power(3 seconds)	5400VA	5400VA	12000VA
Nominal AC Output Current	15.7A	15.7A	26A
BATTERY			
Rated Voltage	25.6V	25.6V	51.2V
Rated Capacity	127Ah	314Ah	280Ah
Rated Energy	3251.2Wh	8038.4Wh	14336Wh
Voltage Range	22.4~28V	22.4~28V	44.8~56V
Charge Voltage Range	28~28.8V	28~28.8V	56~57.6V
Cut-off Voltage	22.4V	22.4V	44.8V
Recommend Charge Current	50A	50A	50A
Max Charge Current	100A	100A	100A
Max Discharge Current	100A	150A	100A
GENERAL			
Temperature	-10℃ ~ +55℃	-10℃ ~ +55℃	-10℃ ~ +55℃
Protective Class	Class I	Class I	Class I
Ingress Protection	IP31	IP31	IP31

System Components