



10KWH/15KWH/20KWH/25KWH

MOBILE STACKED HOME ENERGY STORAGE BATTERIES



Stacking Design
Modular stack design,
flexible power use



BMS System
Built in BMS system
ensures battery safety



Pulley Design
Battery chassis
with pulleys



Easy to install
Easy installation, plug
and play, fuse protection

MOBILE STACKED BATTERY POWERED - PERFORMANCE PARAMETERS

Model Code	CPMS10K-F2	CPMS15K-F2	CPMS20K-F2	CPMS25K-F2
Model Version	10 kWh	15 kWh	20 kWh	25 kWh
Phase Number	Single/Phase			
Output Power	3KW/4KW/5KW Optional			
Rated voltage	51.2V			
Rated Capacity	200AH	300AH	400AH	500AH
Continuous Discharge Current	100A			
Peak Discharge Current	110A/10S			
Standard Charging Current	50A			
Fast Charge Current	100A			
Number Of Expandable Batteries	2~15	3~15	4~15	5~15
Optional Capacity Range	10.24~76.8KWH	15.36~76.8KWH	20.48~76.8KWH	25.6~76.8KWH
Cooling Method	Self-Cooling			
Battery Type	Lithium Iron Phosphate			
Use Period	> 15 Years@25°C			
Cycle Life	≈10000 times			
Rated Grid Frequency	50HZ/60HZ Auto Detect			
Grid Voltage Range	230V(170Vac~280Vac) ±2% 110V(90Vac~280Vac)±2%			
PV maximum Input Power	4200W			
MPPT Voltage Range	60-115Vdc			
The charging and discharging efficiency of the whole machine	>92%			
Battery Voltage Range	40.0Vdc~60Vdc ± 0.6Vdc (under voltage alarm / shutdown voltage / over voltage alarm / over voltage recovery... LCD screen can be set)			
Warranty	Battery (10 years) Inverter (5 years)			

COMPATIBLE PARAMETERS

Battery Certification	CE, UN38.3, MSDS, Shipping, Dangerous Package
Cell Certification	CE,UL,IEC 62109-1&-2, IEC 62477,EN61000,UN38.3

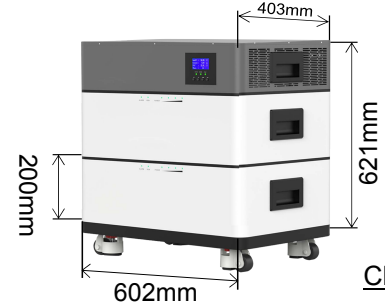
MECHANICAL PARAMETERS

Inverter Size (Inches)	23 3/4 x 15 5/8 x 5 1/2
Inverter Weight (Pounds)	33 lbs
Inverter Size (mm)	602*403*139 mm
Inverter Weight (kg)	15 kg
Battery Size (Inches)	23 3/4 x 15 5/8 x 7 7/8
Battery Weight (Pounds)	121 lbs
Battery Size (mm)	602*403*200 mm (Single Layer)
Battery Weight (kg)	55 kg
Chassis Size (Inches)	23 3/4 x 15 5/8 x 3 1/4
Chassis Weight (Pounds)	13.2 lbs
Chassis Size (mm)	602*403*200 mm (Single Layer)
Chassis Weight (kg)	6 kg
Installation Method	Stacked

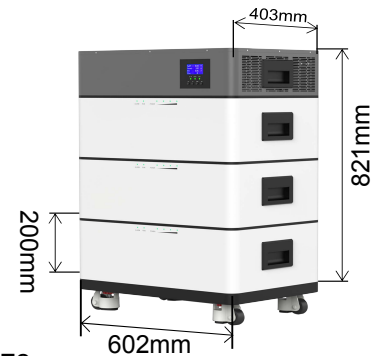
ENVIRONMENTAL PARAMETERS

Storage Humidity Range	≤85%RH
Operating Temperature	20°C~55°C
Recommended Operating Temperature	25°C
Waterproof	IP21

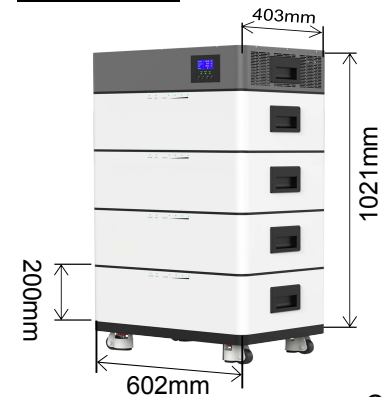
CPMS10K-F2



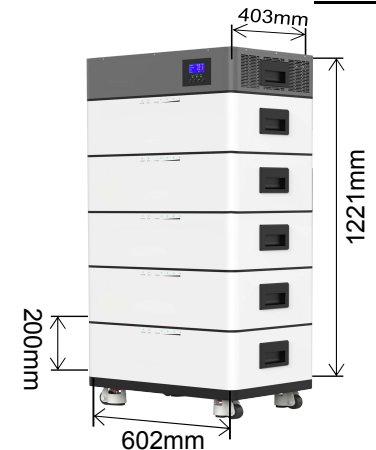
CPMS15K-F2



CPMS20K-F2



CPMS25K-F2



Notes:

Individual Battery Pack Models (CPBM05K-F2) with 5.12 kWh storage

Inverter Models (CPIM05K-F2) with 5.12 kWh