

Power Mega Series

AI-Powered Battery Safety Detection and Customer Service



- ✓ Peak and valley arbitrage in electricity pricing
- ✓ Energy time-shifting, demand management
- ✓ Capacity control, distribution capacity enhancement
- ✓ Voltage support, reactive power compensation
- ✓ Virtual Power Plant Scheduling and Control
- ✓ Microgrid system management and control
- ✓ System black start
- ✓ Multiple revenue model complement

Model	PMS-A125K-261L-E
AC Side Parameters	
Rated Power	125 kW
Output Voltage	400 V / 230 V (-15% - 15%)
Grid Frequency	50 Hz / 60 Hz
Power Factor	-1~1
Wiring Method	Three-phase Four-wire + PE
DC Side Parameters	
Maximum Output Current	200 A
Battery Cell Type	LFP 3.2 V / 314 Ah
Rated Capacity	261 kWh
Depth of Discharge	≤100% DOD (Recommended)
Voltage Range	650 - 950 V
Maximum Current	157 A
Battery Pack Specifications	166.4 V / 314 Ah (1P52S)
Number of Battery Packs	5 units
System Parameters	
Operating Temperature	-30 to 55 °C (Derating above 45 °C)
Relative Humidity	0 to 95%, Non-condensing
Altitude	3,000 m (Derating above 2,000 m)
Noise	<70 dB @ 1 m
Communication Methods	LAN, 4G (optional), BT (optional), WiFi (optional)
Protection Rating	IP55
Corrosion Resistance Rating	C3, Entire Cabinet Galvanized Steel Plate
Heat Dissipation Method	Liquid Cooling
Isolation Method	Non-Isolated
Fire Protection Method	Pack-level Perfluorohexanone Fire Suppression + Explosion Relief System + Water Fire Protection (Energy Storage Cabinet)
Third-Party Certification	CB / CE, Transportation
System Dimensions (L×W×H)	1,400 × 1,000 × 2,280 mm
System Weight	2,330±10 KG

※ Information may be subject to modify without notice.

If there is any change in product size and parameters, please refer to the latest information without prior notice.