PACO CASA

ENERGY STORAGE USER MANUAL

GXE-48100A-5kWh

Aerosol Automatic Fire Suppression Function



Aerosol Fire Suppression System

Quick response, safe and effective fire protection, preventing fire spread and ensuring battery system stability.

Reliable

Support high discharge power. IP20, natural cooling, wide temperature range: -20'C to 55°C.

Air Conditioning Switch

Protect the circuit from overload, short circuit and other faults, so as to ensure the safe operation of the circuit system

Safer

Cobalt Free Lithium iron Phosphate (LFP) Battery: Safety and long lifespan, high efficiency and high power density.Intelligent BMS, providing complete protection.

Technical Data

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Model	GXE-48100A-5kWh
Item	**Specification**
Type	$LiFePO_4$
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Energy	5.12kWh
Max. Charge/Discharge Current	100A
Charge Cut-off Voltage	57.6V
Discharge Cut-off Voltage	46.4V
Cycle Life	≥6000 cycles (0.5P 80%)
Internal Impedance	≤50mΩ
Dimension	480*165*640mm
Communication Mode	CAN,RS485,RS232
Weight	Approx.50kg
Charge Temperature	0°C~55°C(32°F~131°F)
Discharge Temperature	-20°C~55°C(-68°F~131°F)
Storage Temperature	0°C~40°C(32°F~104°F)
Fire Protection System	Aerosol Fire Suppression