شرکت آوای ایمن توان

Battery Litium
Series Li9000(5.0KWh)



Lithium Iron Phosphate (LiFePO4) Battery

The Series Li9000 is a compact energy storage solution designed for residential and commercial backup power systems.

Utilizing LiFePO4 battery technology, it delivers reliable energy storage with enhanced safety and long cycle life.

Key Features

- Modular and scalable energy storage
- Compact, space-saving design
- High energy density
- Integrated battery monitoring and management
- Advanced LiFePO4 safety technology
- Flexible system integration through CAN and RS485 interfaces

Specifications

- Nominal Energy Capacity: 5.12 kWh
- Nominal Voltage: 51.2 V
- Battery Chemistry: LiFePO4
- Maximum Charge Current: 100 A
- Maximum Discharge Current: 100 A
- Depth of Discharge (DoD): Up to 92%
- Cycle Life: ≥ 6,000 cycles
- Communication Interfaces: CAN / RS485
- Parallel Connection: Up to 48 units
- Maximum Expandable Capacity: 245.76 kWh
- Installation: Wall-mounted
- Display: Integrated display

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MODEL		9050
Battery data	Nominal voltage	51.2V
	Rated capacity	5.12kWh
	Usable capacity	5.0kWh
	Operating voltage	40 ~ 58.4V
	Max. discharging current	100A
	Peak discharging current	750A,5ms
	Max charging current	100A
General data	Dimension (W/D/H)	390*152*620
	Weight	<44.5kg
	IP protection	IP20
	Charge temperature	0°C~+55°C
	Discharge temperature	-20~55°C
	Installation	Wall-mounted
Features	DOD	92%
	Cycle life	>=6000 (80% DOD,25°C)
	Parallel connection	Max.48 packs
	Communication port	CAN/RS485
	Warranty	5 Years

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