



PO Series 09

48100
Battery Pack



Smart and User-Friendly



Great Compatibility



Easy and Simple Installation



Features

- Smart battery management and super-early risk warning
- Wide inverter compatibility and flexible expansion
- Modular design, plug-and-play

PO Series 09

48100 Battery Pack

Model	PO-09-48100S
Cell type	Lithium iron phosphate
Cell specification	3.2 V 100 Ah
Battery PACK configuration	5.12 kWh (1P16S)
Rated voltage	51.2 V
Operating voltage range	46.4 V ~ 56 V
Maximum continuous charging current	50 A
Maximum continuous discharging current	50 A
Cycle life	≥ 6,000 times
Communication interface	RS485, CAN and RS232, etc.
Communication protocol	Modbus
Type of cooling	Natural Cooling
Protection grade	IP20
Installation mode	Indoor
Ambient temperature	-20°C ~ + 50°C
Ambient humidity	5% ~ 95%
Man-machine interaction	LCD (Optional)
Protections	Over charge, over discharge, over current, over temperature, short circuit, etc
Altitude	3000m
Maximum number of parallel connections	16 (81.92 kWh)
Dimension (W *H*D)	430×133×530 mm (3u)
Weight	45 kg
Certification	UL1973, IEC62619, UN38.3, MSDS