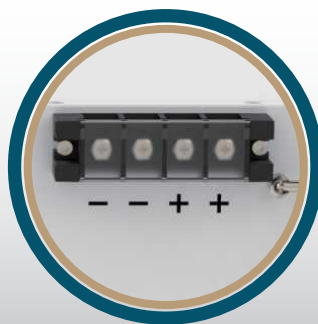
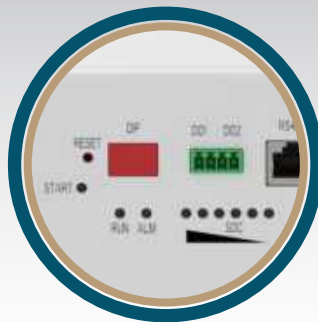




PO 01 Series

PO 01-48100T

-

5.12 kWh

LFP

Parallel



Features

- High security and excellent efficiency.
- Compatible with CAN/485 communication.
- Simple structure, easy for installation and maintenance.
- Modular design, with a maximum support of 16 units in parallel for capacity expansion.
- High capacity, high power output.

PO 01-48100T Product Specifications

Model	P0105K1B501
Battery Data	
Battery Type	Lithium-ion
Rated Energy (kWh)	5.12
Rated Voltage (Vdc)	51.2
Rated Capacity (Ah)	100 (1C)
Rated Charge Current (A)	50
Rated Discharge Current (A)	50
Max. Continuous Charge Current (A)	100
Max. Continuous Discharge Current (A)	100
Communication	RS485 / CAN 2.0
Display	LED Indicator
Cycle Life	> 6000 cycles (@70%DOD)
Protection	Double Safety Control[Bms, Circuit Protection], Over-Temperature Protection, Over-Current Protection, Short-Circuit Protection, Over-Charge Protection, Over-Discharge Protection
Max. No. of Parallel Units	16 (81.92kWh)
Mechanical	
Dimensions[W*H*D] (mm)	443*520*132.7
Weight (kg)	42
Environment	
Storage Environment Temperature (°C)	-10 ~ +50
Discharge Temperature (°C)	-10 ~ +50
Charge Temperature (°C)	0 ~ +55
Relative Humidity	5% ~ 95%
Protection Level	IP20
Altitude (m)	≤3000
Cooling	Natural Cooling
Installation	[Indoor] Frame Installation
Certification	
Battery System	The test report of IEC62619 and the EMC report and certificates of IEC 61000
Others	UN38.3

*Test Conditions - Temperature 25°C, at the beginning of life.

*Product specification may change without notice.