



Apollo-Series

FEATURES:

- Stackable structure makes installation simple and easy.
- Small footprint, saves room space.
- Self-designed BMS, every battery module is equipped with a standalone one;
- Top brand Grade A LiFePO4 battery cells, prismatic, top class safety;
- Compatible with multi-brand storage inverters;
- Battery connectors are not exposed, 0 safety risk;
- Support parallel expansion so as to increase capacity, supports up to 16 parallels;
- Long cycle life energy storage battery (6000 times)
- Certification of IEC62619, UN38.3, CEC approved etc



TECHNICAL DATA

MODEL	Apollo-48100H	Apollo-48100V
Battery Type	LiFePO4 (lithium iron phosphate battery)	
Nominal Capacity	100Ah	
Nominal Voltage	51.2V	
Total Energy	5120	
Charge Cut-off Voltage	57.6V	
Discharge Cut-off Voltage	40V	
Charge Current	100A max	
Discharge Current	100A max	
Communication Mode	RS485, CAN	
Ingress Protection	IP20	
Scalability	max 8pcs in parallel	max 4pcs in parallel
Lifespan (80% DOD)	≥6000 cycles, 25°C	
Compatible Inverters	Goodwe, Victron, SMA, Kosta, Fronius, Solis, Growatt, Sofar, Deye, Solar Ark, Outback, Voltronic, Pylontech optional, more brands will be announced	
Working Environment	-20°C-60°C, < 95% RH	
Storage Environment	-20°C~50°C, < 95% RH	
Operating Altitude	<2000m	
Design Life	15 years	
Warranty Period	5 years, 10years optional	

