

204V High Voltage Battery System (Stacked Style)



Features:

More Usable Energy

- 100% Depth of Discharge

Remote Monitoring

- Monitor ESS Remotely via Smartphone APP or Web Portal

Long Cycle Life

- Designed Life-span 6000 Times

Flexible Investment

- 5kWh Modular Design

Easy Installation

- Flexible Configuration, Plug and Play

Safe & Reliable

- Lithium Iron Phosphate (LFP) Cell

Application:



Indoor

Technical Specifications:

Item	APF204V50-HV	
BATTERY		
Cell Chemistry	LiFePO ₄	
Battery Energy	10.24kWh	
Nominal Voltage	204.8V	
Nominal Capacity	50Ah	
Maximum Charging Current	50A	
Maximum Continuous Discharge Current	50A	
Maximum Output Power	10kW	
HV Controller	1pc	
Weight	105.7kg	106.3kg
Dimensions (W x D x H)	600*160*1130(mm)	600*160*1233(mm)
Operating Voltage Range	179.2 ~230.4V	
Cycle Life	6000 Cycles at 80% DoD	
Designed Life-span	10 years	
Installation	Floor Mounted (Horizontal and Stacking)	
Communication	RS485/CANbus/ Ethernet/WiFi	
Charging Temperature Range	0~50℃	
Discharge Temperature Range	-22℃~60℃	
Enclosure Protection	IP54	
Humidity	≤85%	
Altitude	≤2000m	
System Availability	On/Off Grid Single/ 3 Phases Inverter	
Heat Management	Air Cooling	