



## High Voltage Stacked Battery

- ▶ Compact design, space-saving
- ▶ Connectable to WIFI management and control
- ▶ Compatible with RS485&RS232&CAN communication protocols
- ▶ IP65 waterproof protection
- ▶ Supports battery expansion up to 100Kwh
- ▶ Installation completed within 10 minutes

Model	FHV10240C	FHV15360C	FHV20480C	FHV25600C
<b>Performance Specifications</b>				
Nominal Voltage/V	204.8V(64series)	307.2V(96series)	409.6V(128series)	512V(160series)
Cell model/Configuration	3.2V 50Ah(ANC)/32S1P/102.4V 50Ah/5.12KWh			
Capacity(Ah)	50AH			
Rated Energy(KWH)	10.24KWh	15.36KWh	20.48KWh	25.6KWh
Usable Energy(KWH)	9.21KWh	13.82KWh	18.43KWh	23.04KWh
Max.Charge/Discharge Current(A)	25A/50A			
Voltage Range(Vdc)	180-228V	270-340V	350-450V	440-560V
Scalability	Up to 4 parallel			
Communieation	RS232-PCRS485-InverterCanbus-Inverter			
Cycle Life	≥6000cycles@25°C, 90%DOD, 60%EOL			
Design Life	≥15 Years(25°C)			
<b>Mechanical Specifications</b>				
Weight(Approx)(KG)	Approx: 130kg	Approx: 180kg	Approx: 230kg	Approx: 280kg
Dimension(W/D/H)(mm)	636*185*1065	636*185*1418	636*185*1770	636*185*2122
Installation Mode	Stack			
IP Grade	IP65			
<b>Security And Certification</b>				
Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC			
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054			
Safety(Pack)	BMS, Breaker			
<b>Environmental Specifications</b>				
Operating Temperature(C)	Charge: -10°C ~ 50°C; Discharge: -20°C ~ 50°C			
Altitude (m)	≤2000			
Humidity	≤95%(Non-condensing)			

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