

Battery Module

☉ High Voltage

AU-10/12/15/17/20KWH-HR

Advantage

- ☉ Stand HV is a high voltage DC LFP battery system with an operating voltage range between 200V ~ 450V. It is for residential solar & storage applications and works with high voltage single phase or three phase hybrid inverters to achieve solar self-consumption, peak shaving or back-up supply. A battery system consist of controller and battery modules connected in series to achieve a high voltgae.



BCU



Stand HV Module



Base



Stand Eco HV Configuration Table

Name	BCU	Stand HV Module	Base	Energy (kWh)	Voltage Range(V)
AU-10KWH-HR	1	4	1	9.98	180 ~ 233
AU-12KWH-HR	1	5	1	12.48	224 ~ 292
AU-15KWH-HR	1	6	1	14.97	268 ~ 350
AU-17KWH-HR	1	7	1	17.47	313 ~ 409
AU-20KWH-HR	1	8	1	19.96	358 ~ 467

Stand HV Module Specifications

Module Name	Stand HV
Energy Capacity	2.5kWh
Typical Voltage	48V
Ah Capacity	52Ah
Maximum Current	50A
Battery Type	Prismatic LifePO4
Connection Method	Series connected for high voltage battery solution
Connector	No cable seat type socket & plug
Weight	28KG per module

Stand HV Battery System Specifications

System Voltage	192V	288V	384V
Rated Capacity	9.9kWh	14.9kWh	19.9kWh
Ah Capacity		52Ah	
Suggested SOC Range		10%~100%	
Usable Energy	9.4kWh	14.1kWh	18.9kWh
Peak Charge/Discharge Current		50A	
Charge Temperature		0°C~45°C	
Discharge Temperature		-10°C~45°C	
Cycle Life		6000 cycles @0.5 C/0.5C,25°C	
Communication		CAN	
Compatible Inverter	Growatt, Sofarsolar, Sunways, Sungrow, GoodWe, Luxpower, Afore, INVT, Hypontech, etc		
Design Life		10 years	
Dimensions	120cm×57cm×22cm	150cm×57cm×22cm	180cm×57cm×22cm
Weight	150KG	210KG	270KG
Display		SOC and Operation Indicators	
Install Method		Stand stacked for one engineer	