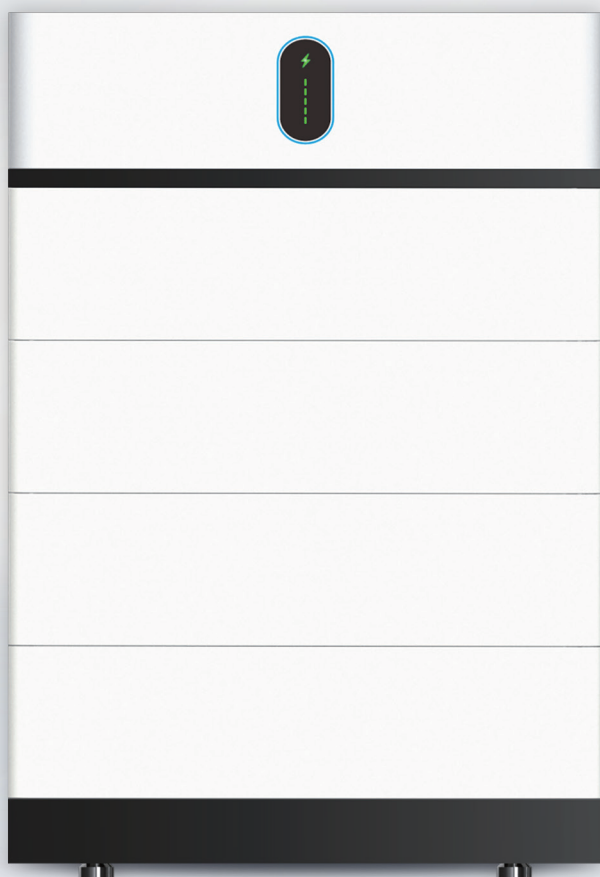


PV 11.0-44.0B-H

Features

-  Stackable & Modular design
-  Extendable as needs
-  Intelligent management system of BMS
-  Battery system with heating function for cold areas
-  Lithium Iron Phosphate (LFP) Cell use
-  Plug and play, no cable between battery modules
-  Up to 60A continuous charge/discharge current



BESS
HV BATTERY

	PV 11.0B-H	PV 16.5B-H	PV 22.0B-H	PV 27.5B-H	PV 33.0B-H	PV 38.5B-H	PV 44.0B-H
Battery Type	LiFePO4, Prismatic Cell						
Battery Module	5.5kWh / 50kg						
Nominal Energy	11kWh	16.5kWh	22.0kWh	27.5kWh	33.0kWh	38.5kWh	44.0kWh
Energy Usable	10.45kWh	15.68kWh	20.90kWh	26.12kWh	31.35kWh	36.6kWh	41.8kWh
Continuous Charge/ Discharge Current	60A / 60A						
Max.Charge/ Discharge Current	72A / 72A						
Nominal Voltage	153.6V	230.4V	307.2V	384.0V	460.8V	537.6V	614.4V
Operating Voltage	129.6V~175.2V	194.4V~262.8V	259.2V~350.4V	324.0V~438.0V	388.8V~525.6V	441.6V~624.0V	518.4V~700.8V
Cycle Life	6000 ^[1*]						
W*D*H	675*360*643mm	675*360*813mm	675*360*983mm	675*360*1153mm	675*360*1323mm	675*360*1493mm	675*360*1663mm
Net Weight	127kg	176.5kg	226kg	275.5kg	325kg	374.5kg	424kg
Installation	Floor standing / Wall-mounted						
Operation Temperature	Charge -20~55°C, Discharge -20~55°C						
Transmit Certification	UN38.3						
Safety	IEC 62619, EN 62477						
EMC	EN 61000-6-1/2/3/4						
Protection Degree	IP65						
Max. Altitude	3000m						
Noise Emission	<35dB						
Humidity	5-95%						
Cooling	Natural Cooling						
Fire-fighting	Aerosol fire extinguisher						
Warranty	10 Years						
Display	LED						
Communication Interface	CAN, Ethernet						

Remarks: ^[1*] 0.5C@ 25 °C, 90% DOD.

· Specifications are subject to change without advanced notice.



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