

PowerPack

HV



Features

Reliable

- Tier-1 top brands' A-Grade LFP cells to ensure high safety and excellent performance
- Over 8000 times cycle life
- The adoption of high-performance processors, international brand devices, better stability

Intelligent

- Multi-level intelligent energy management implemented, enhance performance and extent life span
- High BMS compatibility, perfect match of energy storage inverter
- Intelligent BMS to enable a safe and reliable operation
- Built-in high performance Bi-direction DCDC, adjust battery 51.2V to constant high voltage output 380V.

Flexibility

- 6-pin Dip Switch ensures a maximum 8 units parallel arrangement
- Over 16 world-famous inverter brands can be compatible with
- Residential or small commercial, off-grid or on-grid, the battery goes with the application scenarios



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PowerPack HV	
Main Control Module	BLH-HV-Powerpack-BMU
Battery Module	BLH-Powerpack-5 (51.2V 100Ah, 5.12kWh)
Battery Module QTY	2 3 4 5 6 7 8
Usable Energy[1]	10.24kWh 15.36kWh 20.48kWh 25.6kWh 30.72kWh 35.84kWh 40.96kWh
Capacity	200Ah 300Ah 400Ah 500Ah 600Ah 700Ah 800Ah
Max Continuous Power	9kW 13kW 15kW
Max Peak Current	32A,10s 48A,10s
Nominal Voltage	380V DCDC constant
Operating Voltage Range	260V~400V settable
Cycle Life	8000 times, @25°C, 60%DOD
Communication	CAN/RS485/RS232/WIFI
LxWxH(mm)	735*400*785 735*400*920 735*400*1055 735*400*1190 735*400*1325 735*400*1461 735*400*1596
Net Weight(kg)	138 189 240 291 342 393 444
IP Rating	IP55
Warranty[2]	10 years
Operating temperature[3]	-20°C to +55°C (Charge 0°C to +55°C)
Certification	UL1973/UL9540A/TUV(IEC62619)/UN38.3/MSDS
Scalability	Max.8 systems in parallel (327.68kWh)
Application	ON Grid(Self consumption/ON Grid+Backup/Backup)and Off Grid.

[1] Test conditions:100% DOD,0.2C charge & discharge @+25°C . System Usable Energy may be variant with different inverter brands

[2] Conditions:Refer to power base mate Warranty.

[3] -20°C ~ 12°C will be derating.

Compatible Inverter Brands:

