

Lithium-ion battery PACK

Product Model

◆ BR-57V86AH



Product Features >>



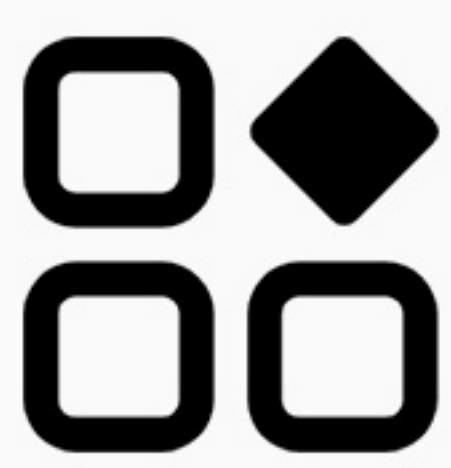
• Easy to install

Stacked installation;
operable by a single person



• Comprehensive safety protection functions

Real-time monitoring of cell voltage
current and temperature, Three-level
fault early warning and multiple
hardware and software protections



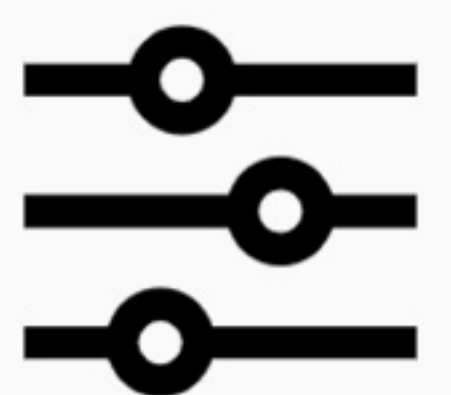
• Strong expandability

Can be flexibly expanded
according to the matched
inverter and actual;
usage conditions



• Overcharge and over-discharge protection

Internal contactor switch is used,
which is reliable; The over-discharge
system automatically
powers off to reduce its own loss;



• Passive balancing

Balance the battery voltage
difference and extend the
service life of the battery pack



• High-precision collection

Cell sampling accuracy $\pm 3\text{mv}$

Battery Parameters >>

Model	BR-57V86AH
Battery Cell Type	LFP Lithium Iron Phosphate
Nominal Voltage (V)	3.2
Nominal Capacity (Ah)	86
Battery Cell Grouping Method	1P18S
Battery PACK Parameters	
Nominal Voltage (V)	57.6
Nominal Capacity (Ah)	86
Nominal Energy (Wh)	4954
Actual Capacity (Wh)	3716
Depth of Discharge (%)	90
Operating Voltage Range (V)	50.4~65.7
Rated Current (A)	43
Battery PACK Parameters	
Dimensions (L*W*H) (mm)	622*430*223.5
Communication Method	SPI Daisy Chain
Operating Temperature (°C)	Charge 0-55 Discharge 20-55
Storage Temperature (°C)	0~45
Humidity (%)	0~95
Altitude (m)	< 2000
Main Control Parameters	
Minimum Starting Voltage (V)	80
Maximum System Voltage (V)	750
Maximum Charging Current (A)	50
Maximum Discharging Current (A)	50
Communication Method	CAN
Protection Class	IP65
Operating Temperature (°C)	-20-55
Operating Humidity (%)	0-95
Altitude (m)	<4000
Dimensions (L*W*H) (mm)	622*430*183

*Specifications are subject to the actual nameplate of the product