

ENERGY STORAGE SYSTEM BATTERY



THINPACK



THIN SERIES

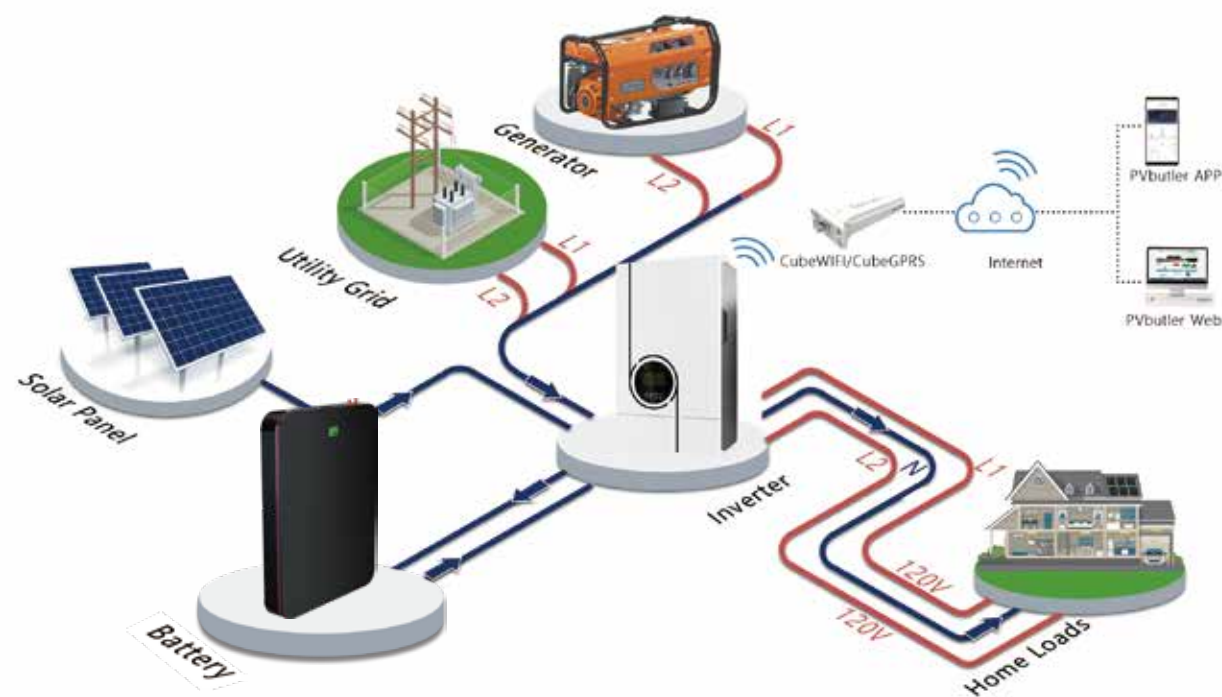
Energy storage system Battery



- MAIN FEATURES
- ▶ High efficiency
 - ▶ Exceptional lifespan
 - ▶ Real-time monitoring System

SPECIFICATIONS

Model Type	HPF04806000	HPF04809000	HPF04813000
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity (@25 °C, ±5%)	120Ah	180Ah	270Ah
Nominal Energy	6.144kwh	9.216kwh	13.824kwh
Full Charging Time	2h		
Discharging Current	100A(customized)		
Operating Temp(charging)	0~55°C		
Operating Temp(discharging)	-20~65°C		
Storage Temperature	-20~40°C		
Storage Humidity	25%~95%RH		
Cycle Life	>4000 Cycle in 1CC/1CD@100%DOD,75%EOL		
Ingress Protection	IP54		
Charging Cut Off Voltage Ran	57.6V		
Discharging Cut Off Voltage	41.6V		
Short Circuit Protection Current	800A		
Upper Protect Temp	14		
Parallel Numbers	65°C		
LCD/Dash Board	Yes		
CAN Bus	Optional		
RS485	Yes		
GPRS/GPS/Cloud	Optional		
Bluetooth/WIFI	Optional		
Dimension	550*730*118mm	800*730*118mm	1040*730*118mm
Weight	64Kg	100Kg	130Kg



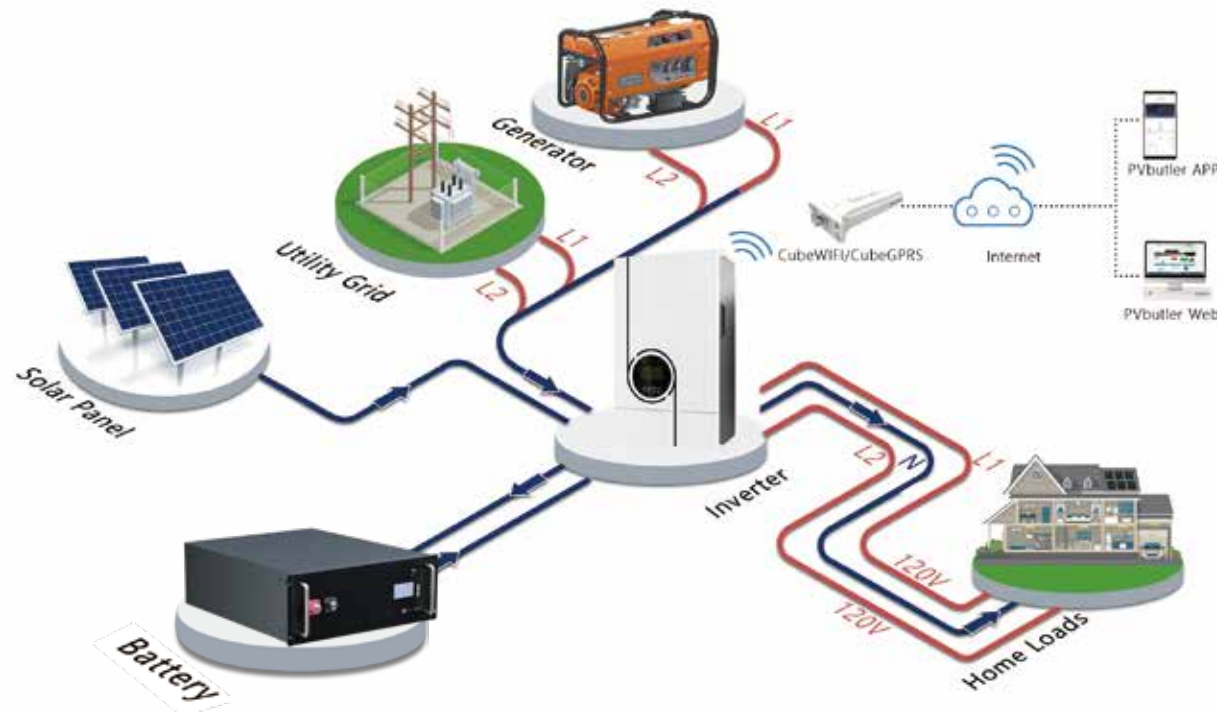
RACK SERIES

Energy storage system Battery



MAIN FEATURES

- ▶ High efficiency
- ▶ Exceptional lifespan
- ▶ Real-time monitoring System



PERFORMANCE

Model Type	LBR48090	LBR48210	LBR48300
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity (@25°C, ±5%)	90Ah	210Ah	300Ah
Nominal Energy	4.608kwh	10.752kwh	15.36kwh
Full Charging Time	2h		
Discharging Current	100A(customized)		
Operating Temp(charging)	0~55°C		
Operating Temp(discharging)	-20~65°C		
Storage Temperature	-20~40°C		
Storage Humidity	25%~95%RH		
Cycle Life	>4000 Cycle in 1CC/1CD@100%DOD,75%EOL		
Ingress Protection	IP20		
Charging Cut Off Voltage Ran	57.6V		
Discharging Cut Off Voltage	41.6V		
Short Circuit Protection Current	800A		
Parallel Numbers	14		
Upper Protect Temp	65°C		
LCD/Dash Board	Yes		
CAN Bus	Optional		
RS485	Yes		
GPRS/GPS/Cloud	Optional		
Bluetooth/WIFI	Optional		
Dimension	500*740*133mm	800*740*133mm	1030*740*133mm
Weight	70Kg	115Kg	165Kg

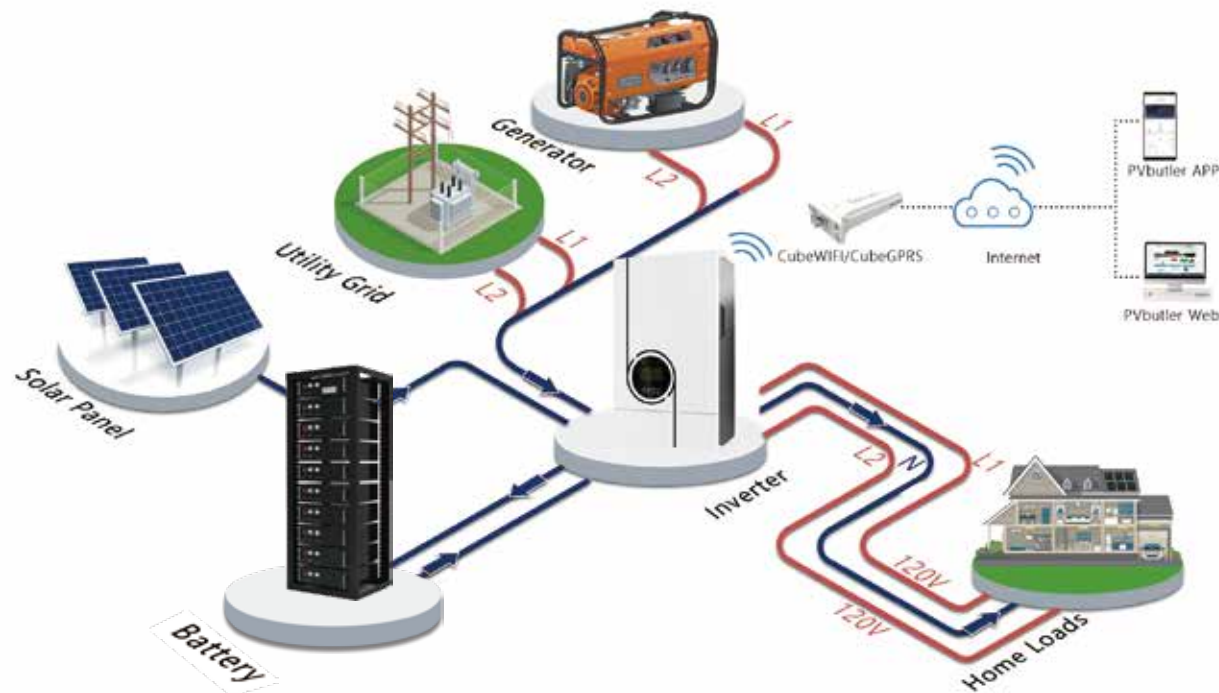


HV SERIES

Energy storage system Battery

Energy storage system Battery

- MAIN FEATURES
- ▶ High efficiency
 - ▶ Exceptional lifespan
 - ▶ Real-time monitoring System



PERFORMANCE

Model Type	LBHV9	LBHV16
Nominal Voltage	403.2V	716.8V
Nominal Capacity(@25°C, ±5%)	240Ah	240Ah
Nominal Energy	96.768kwh	172kwh
Absolute Maximum Voltage	453.6V	806.4V
Cut-off Voltage(discharging)	327.6V	582.4Vc
Configuration	126S8P	224S8P
Parallel Rack Numbers	9 racks	16 racks
Continuous Charge	100A(Customized)	
Continuous Discharge	100A	
Operating Temp(charging)	200A°C	
Recommended Depth of Discharge	90%	
Maximum Depth of Discharge	100%	
Cooling	Natural cooling	
Ingress Protection	Indoor	
Storage Humidity	25%~95%RH	
Operating Temp(charging)	0~55°C	
Operating Temp(discharging)	-20~65°C	
Storage Temperature	-20~40°C	
Storage Humidity	25%~95%RH	
Cycle Life	>4000 Cycle in 1CC/1CD@100%DOD,75%EOL	
LCD/Dash Board	Yes	
CAN Bus	Optional	
RS485	Yes	
GPRS/GPS/Cloud	Optional	
Bluetooth/WIFI	Optional	
Dimension	1540*700*1400mm	1540*700*2200mm
Weight	1000Kg	1700Kg

