

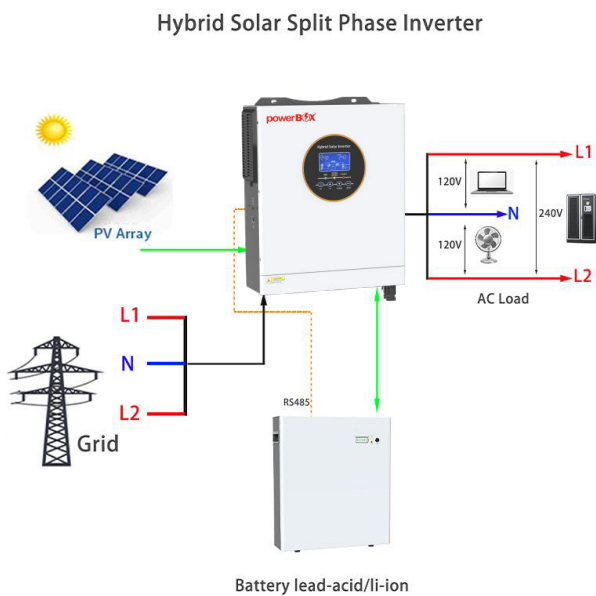
3600W - 6200W 110V/220V or 120V/240V



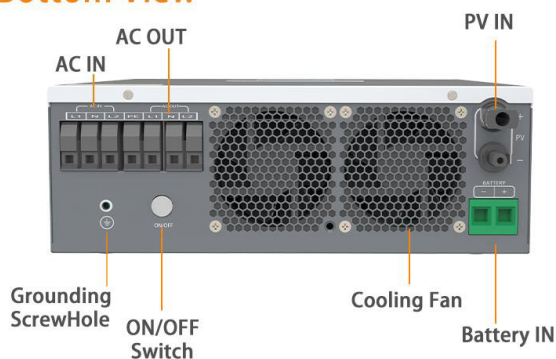
Product Feature :

- ▶ Built in dustproof components
- ▶ 120Vac single phase and 240Vac split phase
- ▶ Capable to operate without Battery
- ▶ Wider PV input voltage range:100V~500Vdc
- ▶ Excellent solar MPPT performance, efficiency up to 99%
- ▶ PV generated energy Total and Daily information
- ▶ Battery wake-up function
- ▶ Capable to communicate with battery BMS by RS-485 interface
- ▶ Excess solar energy can be powered to Grid (settable)

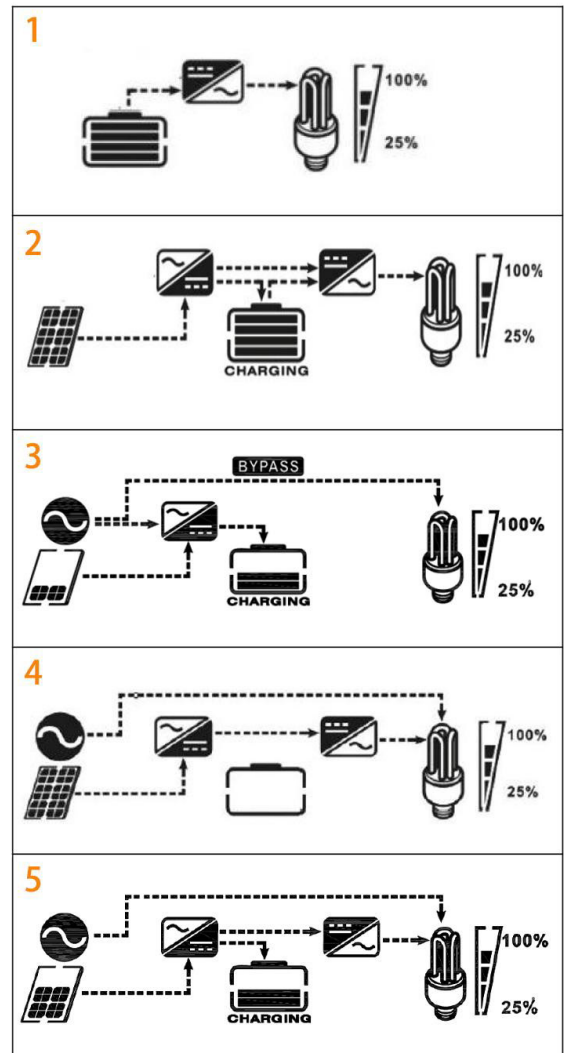
Hybrid power System



Bottom View



Typical working mode



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PV Array			
Max.PV Array Power	4200W	6600W	7200W
Max.PV Array Open-Circuit Voltage	500VDC		
Start-up Voltage	100VDC		
MPPT Operating Voltage Range	120-450VDC		
Nominal Input Voltage	360VDC		
Max. Input Current MPPT	18A		
MPPT max Efficiency	99%		
Battery			
Battery Type	Li-ion /lead-acid		
Nominal Battery Voltage	48V		
Battery Voltage Range	41-58V		
Max. AC Charging Current	40A	50A	
Max. PV Charging Current	80A	100A	
Max. Continuous Discharging Current	80A	120A	
AC Input			
Nominal Voltage	240Vac （split phase）		
Voltage Range	180-280Vac		
Frequency	50/60Hz (Auto following)		
Max. Input Current	40A		
AC Output			
Nominal Voltage	120Vac± 5%/240Vac± 5%		
Output Voltage Waveform	Pure Sine Wave		
Rated Output Power	3600VA/3600W	5500VA/5500W	6200VA/6200W
Peak Output Power	5300VA	8000VA	8800VA
Nominal Output Frequency	50/60Hz		
Transfer Time	10ms		
Efficiency(peak) PV to INV	96.5%		
Efficiency(peak) BAT to INV	93.0%		
Protection			
Over Temperature Protection	Yes		
Overload Protection	3s@≥150% load;10s@110%~150% load		
General Data			
Operating Temperature Range	-10 -- +50℃		
Relative Humidity	0℃ 95%		
Max. Operating Altitude	< 4000m		
Cooling Method	Intelligent Fan cooling		
Display	LED + LCD		
Communication with BMS	RS485		
Communication with Cloud	WiFi/4G		
Degree of Protection	IP21		
Weight(kg)	9	10	
Dimension(W*H*Dmm)	373*105*300		
Mounting Method	Wall Mounted		