

PURE SINE WAVE INVERTER

PP Series

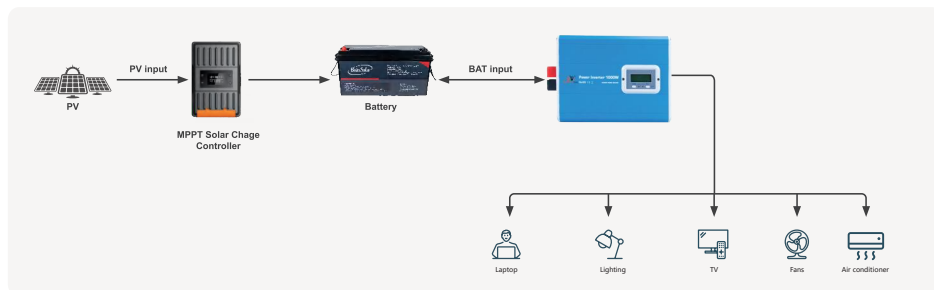
1000~5000W | 12V,24V,48V|110V/230V

PP series is a pure sine wave inverter, high frequency machine solution, the product is small size, the solution is reliable and stable, the main function is to invert the DC 12VDC battery or 24V or 48V DC battery to AC 110V/230VAC output. mainly used for emergency use Electricity, car inverter, outdoor electricity and other occasions.



- Advanced SPWM technology
- Special Design for loading inductive appliance, Power factor :1
- Bluetooth & RS485 communication can be used in same time
- Saving Power Model
- Friendly LCD meter to simply monitor and parameter configure
- 100% Real Rated Power
- 2 Years Warranty & Excellence After-sales Service
- Factory Default Colour : Blue
- Flexible Factory Support - OEM/ODM Design Service

Solar system connection



Type



MODEL		PP1000 12/24V		PP1500 12/24/48V		PP2000 12/24/48V		PP2500 12/24V		PP3000 12/24/48V		PP4000 48V		PP5000 48V
BATTERY DC INPUT														
Input Voltage	VDC	12	24	12	24	48	12	24	48	12	24	12	24	48
Low Voltage Warning	(PB)VDC	10.5	21.0	10.5	21.0	42.0	10.5	21.0	42.0	10.5	21.0	10.5	21.0	42.0
	(LI)VDC	10.5	21.0	10.5	21.0	42.0	10.5	21.0	42.0	10.5	21.0	10.5	21.0	42.0
Low Voltage Protect	(PB)VDC	10.0	20.0	10.0	20.0	40.0	10.0	20.0	40.0	10.0	20.0	10.0	20.0	40.0
	(LI)VDC	10.0	20.0	10.0	20.0	40.0	10.0	20.0	40.0	10.0	20.0	10.0	20.0	40.0
Low Voltage Restoring	(PB)VDC	12.8	25.6	12.8	25.6	51.2	12.8	25.6	51.2	12.8	25.6	12.8	25.6	51.2
	(LI)VDC	12.8	25.6	12.8	25.6	51.2	12.8	25.6	51.2	12.8	25.6	12.8	25.6	51.2
Over Voltage Protect	(PB)VDC	16.0	32.0	16.0	32.0	64.0	16.0	32.0	64.0	16.0	32.0	16.0	32.0	64.0
	(LI)VDC	16.0	32.0	16.0	32.0	64.0	16.0	32.0	64.0	16.0	32.0	16.0	32.0	64.0

Parameters:(PB)Lead-acid Battery /(LI)4 series(12V),8 series(24V),16 series(48V)LiFePO4 Lithium Battery Pack

INVERTER AC OUTPUT	
Default Power	1000W 1500W 2000W 2500W 3000W 4000W 5000W
Peak Power	2000W 3000W 4000W 5000W 6000W 8000W 10000W
Output AC Voltage	110V/230V
Output AC Frequency	50/60Hz ±3Hz
Output Wave	Pure sine wave
Output Wave THD	THD<3%
PROTECTION	
Battery Input Protection	Low Voltage, Over Voltage, Reverse Protection
Inverter Output Protection	Short Circuit, Overload, Over Temperature, Earth Fault, Soft Start Protection
DISPLAY	
LED indicator	Red: Error; Green: System OK
LCD Display	Display Battery Voltage, Output Power, Output Voltage, Protection status
DC OUTPUT	
USB	USB-A type (5V2.1A)
Remote Controller	CRW88 Wireless remote Controller optional
EFFICIENCY	
Peak Conversion Efficiency	>90% Peak
ENVIRONMENT	
Protection Degree	IP20
Working Environment	Indoor Fan Cooling
Environmental temperature	0~45°C
Ambient humidity	20%~90%, No condensation
Altitude	≤3000m
DIMENSIONS	
Machine Dimension (W*H*D)	342*226*105mm 387*226*105mm 455*258*102mm 515*315*186mm 528*225*116mm
Package Dimension (W*H*D)	360*250*145mm 468*315*186mm 468*315*186mm 598*315*186mm 598*315*186mm
N.W (kg)	1.78kg 5.34kg 5.8kg 8.1kg 7.5kg
G.W (kg) / CTN	13.4(6PCS) 14(2PCS) 16(2PCS) 9.85(1PCS) 16.2(2PCS)

CERTIFICATION & STANDARDS

CE-EMC+LVD EN55032:2015+A11:2020+A1:2020,EN55035:2017+A1:2020,EN1EC61000-3-2:2019+A1:2021,EN61000-3-3:2013+A1:2019+A2:2021,EN1EC62368-1:2020+A11:2020