

PWT-SP-1P6K / PWT-SP-1P12K

6/12kW 120V/240V Split Phase Output Low Frequency Off-grid Inverter



FEATURES

- 120V / 240V Split phase output.
- Pure sine wave output.
- Built-in MPPT charge controller.
- Integrated with low frequency transformer.
- Configure the grid or solar input priority through the LCD.
- WiFi / GPRS remote monitoring.

Power Wave	PWT-SP-1P6K	PWT-SP-1P12K
INVERTER OUTPUT		
Rated power	6KW	12KW
Rated voltage / AC voltage range	110V / 220V, ±10%	
Rated frequency	50Hz / 60Hz	
Rated surge power	18KW	36KW
Capable of starting electric motor	3HP	6HP
Peak efficiency	>85%	
Line mode efficiency	>95%	
Transfer time	10ms typically, 20ms maximum	
Waveform	Pure sine wave	
SOLAR CHARGER		
Maximum solar charge current	80A	120A
Maximum PV array power	5KW	7KW
Maximum PV array open circuit voltage	250V	
MPPT operating voltage range	60V to 245V	
AC INPUT		
Rated grid voltage / AC voltage	240V	
Rated grid frequency / permitted frequency	50Hz / 60Hz (Auto sensing)	
Maximum charge current	60A	100A
BATTERY INPUT		
Rated input voltage	48V	
Battery type	Lithium / Lead-acid	
GENERAL DATA		
Dimensions (W / H / D)	385mm / 555mm / 224mm	400mm / 665mm / 224mm
Weight	45 kg	75 kg
Operating temperature range	0°C to +50°C	
Storage temperature range	-20°C to +60°C	
Humidity range	5% to 95% (Non-condensing)	
Communication interface	USB / CAN / RS485	
Monitoring option	WiFi / GPRS	