

# PWH-1P3.5K / PWH-1P5K

3.5/5kW 230V Output High Frequency Off-grid Inverter



## FEATURES

- Pure sine wave output.
- Integrated MPPT with range of 120 to 430Vdc.
- Operate in both battery-based and battery-less modes.
- Scalable by up to 6 units in parallel.
- WiFi / GPRS remote monitoring.

Power Wave	PWH-1P3.5K	PWH-1P5K
INVERTER OUTPUT		
Rated power	3500W	5000W
Rated voltage / AC voltage range	230V / 220V to 240V	
Rated frequency	50Hz / 60Hz	
Rated surge power	7000W	10000W
Peak efficiency	93%	
Transfer time	10ms typically, 20ms maximum	
Waveform	Pure sine wave	
SOLAR CHARGER		
Maximum solar charge current	80A	100A
Maximum PV array power	4500W	6000W
Maximum PV array open circuit voltage	450V	
MPPT operating voltage range	120V to 430V	
AC INPUT		
Rated grid voltage / AC voltage	230V	
Rated grid frequency / permitted frequency	50Hz / 60Hz (Auto sensing)	
Maximum charge current	80A	100A
BATTERY INPUT		
Rated input voltage	48V	
Battery type	Lithium / Lead-acid	
GENERAL DATA		
Dimensions (W / H / D)	330mm / 500mm / 150mm	
Weight	11.5 kg	12 kg
Maximum parallel units (ONLY with battery)	6	
Operating temperature range	0°C to +50°C	
Storage temperature range	-15°C to +60°C	
Humidity range	5% to 95% (Non-condensing)	
Communication interface	USB / CAN / RS485	
Monitoring option	WiFi / GPRS	