

Introduction

The I-P-PPI3-300W-1000W series is the third generation of our high frequency pure sine wave inverter which converts DC to AC. The output waveform is pure sine wave. It has many advantages such as strong stability, high conversion efficiency, perfect protection function and so on.







Application

Designed for a variety of applications such as vehicles, mobile office, boats, motor homes, camping, telecommunications, fieldwork, solar & wind system, emergency standby power, all kinds of electrical equipments such as TV, DVD, players, computers, printers, fax machines and so on.

Features

1. Patent design
2. Sufficient power
3. Soft start capacity
4. Excellent performance and high conversion efficiency
5. Perfect protection: low voltage protection, high voltage protection, overload protection, over temperature protection and short-circuit protection

Specification

Model : I-P-PPI3		300W	500W	600W	800W	1000W
Rated power		300W	500W	600W	800W	1000W
Peak power		600W	1000W	1200W	1600W	2000W
Power on		Soft start				
DC input	Rated input voltage	12V/24V/48V/96V				
	Voltage	100V/110V/220V/230V/240V				
	Frequency	50HZ/60HZ				
	Waveform	Pure Sine Wave				
	Maximum DC loads output power	110%				
	Total Harmonic Distortion	THD≤2%				
	Rated output efficiency	≥85%				
Protection	High input voltage shut off	15V±automatic shut±2 loops acoustic alarm				
	Low input voltage shut off	10.0V±automatic shut±2 loops acoustic alarm				
	Low input voltage alarm	10.5V±no power off±1 loop acoustic alarm				
	Over temperature protection	When the internal heat sink temperature is above 80°C,it will shutdown automatically and trigger 3 loops acoustic alarm				
	Short circuit protection	Shutdown±5 loops acoustic alarm±restart automatically				
	Over loaded protection	Shutdown±4 loops acoustic alarm±restart automatically				
	Reverse Input	Quick-break fuse				
Environment	Temperature	-10--40°C				
	Humidity	0%-95%				
Noise of the fan		<55dB				
Insulation resistance		EN50081±1±EN55022				
Insulating strength		EN50081±1±EN55022				
Weight (Kg)		1.16	1.92	3		
Size W*D*H(mm)		235*115*65	295*132*72	320*185*72		

Why choose us

- 1,I-Panda is the leading MPPT solar charge controller and power inverter manufacturer in China.
- 2,Our mission is to promote development of the energy industry, our R&D team constantly develop high efficiency and new energy products;
- 3,Our four complete management systems(Quality Control System, Production Control System, Engineering Management, Eco-Management) to ensure the fast, healthy, continuance steadily development.
- 4,We take "Humanity, Development, Morality" as the theme of enterprise; Humanity means caring employees, customers and society; Development means developing together with employees, customers and society;
- 5,Morality means obeying international norms and commercial rules.

Company Profile



Certificate

