

Introduction

In the I-P-PPI3-300W-1000W series is the third generation of high-frequency pure sine wave inverter that converts DC to AC. The output waveform is a pure sine wave. It has many advantages, such as stability, high conversion efficiency, the perfect protection functions.





application

Designed for a variety of applications, such as automotive, mobile office, yacht, RV, camping, telecommunications, field operations, solar and amplifiers; ventilation system, emergency standby power, all kinds of electrical equipment, such as TV, DVD, player, computer, printers, fax machines and so on.

Feature

1. Patent design
2. sufficient power
3. Soft start capability
- 4, high-performance and conversion efficiency
5. Perfect protection function: 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
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rated power		300W	500W	600W	800W	1000W
Peak power		600W	1000W	1200W	1600W	2000W
Power		Soft Start				
DC input	Rated input voltage	12V / 24V / 48V / 96V				
	Voltage	100V / 110V / 220V / 230V / 240V				
	frequency	50HZ / 60HZ				
	Waveform	Pure sine wave				
AC output	Maximum DC Load output power	110%				
	Total harmonic distortion	THD≤2%				
	Rated output efficiency	> 85%				
protection	High input voltage shutdown	15V, automatically shut down, 2-way voice alarm				
	Low Input Voltage Shutdown	10.0V, automatically shut down, 2-way voice alarm				
	Low input voltage alarm	10.5V, do not turn off the power, sound alarm ring 1				
	Over-temperature protection	When the internal heat sink temperature is 80 °C, it will automatically shut down and audible alarm is triggered three loops				
	Short circuit protection	Shutdown, cycle 5 sound alarm, automatic restart				
	Overload protection	Shutdown, 4 loops sound alarm, automatic restart				
	Inverting input	Quick-break fuse				
surroundings	temperature	-10--40 °C				
	humidity	0% -95%				
Fan noise		< 55 db				
Insulation resistance		EN50081-1 / EN55022				
Dielectric strength		EN50081-1 / EN55022				
Weight (Kg)		1.16	1.92	3		
size						
W * D * Height (mm)		235 * 115 * 65	295 * 132 * 72	320 * 185 * 72		

Why choose us

- 1, I- panda is China's leading solar charge controller and inverter manufacturers MPPT's.
- 2, our mission is to promote the energy industry, our R & Development and R & D team to continuously develop high efficiency and new energy products;
- 3, four of our complete management system (quality control systems, production management systems, project management, ecological management), to ensure fast, healthy, sustained and steady development.
- 4, we have to "human development, moral" as the theme; humane care refers to employees, customers and society; development means that employees, customers and the community and common development;
- 5, morality refers to compliance with international norms and rules of business.

Company Profile





wipanda.en.alibaba.com

certificate

 Best Service of Testing since 2003

Certificate of Compliance

Certificate NO. : BST14050326Y-15C-2

Applicant : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Boick H. Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Boick H. Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China

Product Name : PURE SINE WAVE INVERTER WITH CHARGER AND UPS

Trade Name : I-PANDA

Main Test Model : I-P-TPI-6000W

Additional Model : I-P-TPI-1000W, I-P-TPI-2000W, I-P-TPI-3000W, I-P-TPI-4000W, I-P-TPI-5000W

Test Standard : EN 60950-1:2006+A11:2009+A12:2011

As shown in the Test Report No. : BST14050326Y-15R-2

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2006/95/EC. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.





Christina
Manager
May 25, 2014

Shenzhen BST Technology Co., Ltd.
Add: Building No.23-24, Zhiheng Industrial Park, Guanikou Road, Nantou, Nanshan District, Shenzhen, Guangdong, China
Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 800990305, E-mail: christina@bst-lab.com

 Best Service of Testing since 2003

FCC VERIFICATION OF CONFORMITY

BST14050326Y-1EC-3

We herewith confirm the following designated product:

Product Name: PURE SINE WAVE INVERTER WITH CHARGER AND UPS

Trade Name: I-PANDA

Main Test Model : I-P-TPI-6000W

Additional Model : I-P-TPI-1000W, I-P-TPI-2000W, I-P-TPI-3000W, I-P-TPI-4000W, I-P-TPI-5000W

(Product Identification)

has been tested and found in compliance with the requirements of 47 CFR PART 15 regulation & ANSI C63.4 for the evaluation of Class B of electromagnetic compatibility. It is only valid in connection with the test report number: BST14050326Y-1EC-3.

This device complies with Part 15 of the FCC rules, operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including that from unauthorized operation (identification of regulations/standards)

This declaration is the responsibility of the manufacturer/importer

SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Boick H. Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China
(Name /Address)

MANUFACTURER / IMPORTER




Christina
Manager
May 20, 2014

Shenzhen BST Technology Co., Ltd.
Add: Building No.23-24, Zhiheng Industrial Park, Guanikou Road, Nantou, Nanshan District, Shenzhen, Guangdong, China
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Certificate of Compliance

Certificate NO. : BST14050326Y-1EC-1

Applicant : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Block H, Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Block H, Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China

Product Name : PURE SINE WAVE INVERTER WITH CHARGER AND UPS

Trade Name : I-PANDA

Main Test Model : I-P-TPI-4000W

Additional Model : I-P-TPI-1000W, I-P-TPI-2000W, I-P-TPI-3000W, I-P-TPI-4000W, I-P-TPI-5000W

Test Standard : EN 65022:2010
EN 61000-3-2:2008+A1:2009+A2:2009
EN 61000-3-3:2013
EN 65024:2010

As shown in the Test Report No. : BST14050326Y-1ER-1.

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.



Christina
Manager
May 20, 2014

Shenzhen BST Technology Co., Ltd.

Add: Building No.23-24, Zhiheng Industrial Park, Guanikou Road, Nantou, Nanshan District, Shenzhen, Guangdong, China
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Certificate of Compliance

Certificate NO. : BST14050326Y-1RC-4

Applicant : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Block H, Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Block H, Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China

Product Name : PURE SINE WAVE INVERTER WITH CHARGER AND UPS

Trade Name : I-PANDA

Main Test Model : I-P-TPI-4000W

Additional Model : I-P-TPI-1000W, I-P-TPI-2000W, I-P-TPI-3000W, I-P-TPI-4000W, I-P-TPI-5000W

Test Standard : EPA3050B:1996, EN1122B:2001, EPA3052:1996, EPA3060A:1996, EPA7196A:1992, EPA3540C:1996, EPA8270D:2007, IEC62321:2008

As shown in the Test Report No. : BST14050326Y-1RR-4.

The EUT described above has been consolidated by us and found in compliance with the council RoHS directive—2011/65/EU.



RoHS



Christina
Manager
May 20, 2014

Shenzhen BST Technology Co., Ltd.

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