

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 soon.

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 | | | | |
| AC Output | Voltage | 100V/110V/220V/230V/240V | | | | |
| | Frequency | 50HZ/60HZ | | | | |
| | Waveform | Pure Sine Wave | | | | |
| | Maximum DC loads output power | 110% | | | | |
| | Total Harmonic Distortion | THD \leq 2% | | | | |
| | Rated output efficiency | \geq 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





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, Buij St., Longgang Dist., Shenzhen, Guangdong, China
Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
 Boick H, Juyin Technology Industrial Park, Buij 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, Guanhou Road, Nanlou, Nanshan District, Shenzhen, Guangdong, China
 Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 800999305, 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-1ER-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 any 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, Buij St., Longgang Dist., Shenzhen, Guangdong, China
 (Name /Address)

MANUFACTURER / IMPORTER




TEST LABORATORY

This is the results of test that was carried out by Shenzhen BST from the submitted type samples of the product in accordance with the specification of the respective standards. The certificate holder has the right to file the FCC mark on the product packaging with the required rules.



Christina
Manager
May 20, 2014

Shenzhen BST Technology Co., Ltd.
 Add: Building No.23-24, Zhiheng Industrial Park, Guanhou Road, Nanlou, Nanshan District, Shenzhen, Guangdong, China.
 Certificate Search: <http://www.bst-lab.com>, Tel: 400-882-9628, 800999305, E-mail: christina@bst-lab.com



Certificate of Compliance

Certificate NO. : BST14050326Y-1EC-1

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

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Block H, Juyin Technology Industrial Park, Bujl 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 6022:2010
EN 61000-3-2:2006+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, Guanhou Road, Nantou Nanshan District, Shenzhen, Guangdong, China
Certificate Search: <http://www.bst-lab.com> Tel: 400-882-9628, 8009690305, E-mail: christina@bst-lab.com



Certificate of Compliance

Certificate NO. : BST14050326Y-1RC-4

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

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Block H, Juyin Technology Industrial Park, Bujl 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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