Introduction

The I-P-PPI3-300W-1000W series is the third generation of ourhigh frequency pure sine wave inverter which converts DC to AC. The outputwaveform is pure sine wave. It has many advantages such as strong stability,high conversion efficiency, prefect 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 electricalequipments 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 voltageprotection, overload protection, over temperature protection and short-circuitprotection

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≤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℃,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℃		
	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

I-Panda爱庞德
大功率

wipanda.en.alibaba.com

Certificate

Best Service of Testing since2003

Certificate of Compliance

Certificate NO.	:	BST14050326Y-1SC-2
Applicant	:	SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD. Bolck H, Juyin Technology Industrial Park, Buji St., Longgang Dist., Shenzhen, Guangdong, China
Manufacturer	:	SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD. Bolck 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+A1:2010+A12:2011
As shown in the Test Report No.	:	BST14050326Y-1SR-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,Guankouer Road,Nantou,Nanshan District,Shenzhen,Guangdong,China
Certificate Search: http://www.bst-lab.com, Tel: 400-882-9628, 8009990305, E-mail:christina@bst-lab.com

www.en.alibaba.com wipanda.en.alibaba.com

Best Service of Testing since2003

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 interference that may cause undesired operation
(identification of regulations/standards)

This declaration is the responsibility of the manufacturer/importer

SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Bolck H, Juyin Technology Industrial Park, Buji 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 is in conformity with the specification of the respective standards.
The certificate holder has the right to fix the FCC-mark on the product complying with the required rules.

Christina
Manager
May 20, 2014

Shenzhen BST Technology Co.,Ltd.
Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou,Nanshan District,Shenzhen,Guangdong,China,
Certificate Search: http://www.bst-lab.com, Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com

Certificate of Compliance

Certificate NO. : BST14050326Y-1EC-1

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

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Bolck 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 55022:2010
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2013
EN 55024:2010

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.

CE

Christina
Manager
May 20, 2014

Shenzhen BST Technology Co.,Ltd.
Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou,Nanshan District,Shenzhen,Guangdong,China
Certificate Search: http://www.bst-lab.com Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com

Certificate of Compliance

Certificate NO. : BST14050326Y-1RC-4

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

Manufacturer : SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.
Bolck 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-5000W

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.
Add: Building No.23-24, Zhiheng Industrial Park, Guankouer Road, Nantou,Nanshan District,Shenzhen,Guangdong,China
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www.i-panda.alibaba.com