

Certificate



Prüfbescheinigung nach dem Produktsicherheitsgesetz

Test Certificate in compliance with the Product Safety Law

Bescheinigungs-Nr. (Certificate No.): 13SHN1379-01

Das Produkt entspricht den Anforderungen des Produktsicherheitsgesetzes (ProdSG) § 21 (1) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit und entspricht den derzeit anerkannten Regeln der Technik.

(The product is in compliance with the judicial requirements of the Product Safety Law (ProdSG) § 21 (1) and the currently accepted rules of technology.)

Die Kennzeichnungspflichten des Produktes gemäß §6 ProdSG sind einzuhalten.

(The marking requirements of the product based on §6 ProdSG have to be observed.)

Bescheinigungsinhaber (Certificate Holder)
Zhejiang Kangtai Electric Co., Ltd.
No.5, Kangtai Road, Huanghua Industrial District,
Yueqing, Zhejiang,
P. R. China

Markenname (Brandname)
Kangtai (logo)

Fertigungsstätte (Manufacturing Site)
Zhejiang Kangtai Electric Co., Ltd.
No.5, Kangtai Road, Huanghua Industrial District,
Yueqing, Zhejiang,
P. R. China

Produkt (Product)
Steckerleistungsmessgerät
Direct plug-in power meter

Typbezeichnung (Type)
56003, 56004, 56005, 56006

Beschreibung (Description)
230VAC, 50Hz, 3000W, 13A max, CAT II, Standby 1,5W

Prüfbericht-Nr. (Test Report No.)
130400205SHA-001:2013-07-10
130600884SHA-001:2013-07-09
Einzelheiten siehe Anhang (Details see attachment)

Gepprüft nach (Tested according to)
EN 61010-1:2010
DIN VDE 0620-1:2013
DIN VDE 0620-2-1:2013+EK1 510-11:2011
PAK-Anforderung / PAH Requirement ZEK 01.4-08

Gültig bis (valid until)
2018-07-17
Erstellt am (Issued on)
2013-07-18

67408
Intertek Deutschland GmbH
M.Eng. Gary Hu

Dem Zertifikat liegen die Allgemeinen Geschäftsbedingungen der Intertek Deutschland GmbH zu Grunde. Bitte beachten Sie die umseitigen Hinweise.
The General Business Conditions of Intertek Deutschland GmbH is an integral part of this certificate. Please also refer to the information overleaf.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen

Sitz Leinfelden-Echterdingen, Registergericht Stuttgart, HRB Nr. 225262, Geschäftsführer: Jan-Jörg Müller-Seiler
Tel.: +49 711 27311-0, Fax: +49 711 27311-559, E-Mail: gs@intertek.com, web: www.intertek.de/directory

Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Zhejiang Kangtai Electric Co., Ltd. No.5, Kangtai Road, Huanghua Industrial District, Yueqing, Zhejiang, P. R. China
<i>Manufacturing Site:</i>	Zhejiang Kangtai Electric Co., Ltd. No.5, Kangtai Road, Huanghua Industrial District, Yueqing, Zhejiang, P. R. China
<i>Product: (in German)</i>	Steckerleistungsmessgerät
<i>Product: (in English)</i>	Direct plug-in power meter
<i>Type:</i>	56003, 56004, 56005, 56006
<i>Brandname:</i>	Kangtai (logo)
<i>Description:</i>	230VAC, 50Hz, 3000W, 13A max, CAT II, Standby 1,5W
<i>Test Report No.:</i>	130400205SHA-001:2013-07-10 130600884SHA-001:2013-07-09
<i>Tested according to:</i>	EN 61010-1:2010 DIN VDE 0620-1:2013 PAK-Anforderung / PAH Requirement ZEK 01.4-08 DIN VDE 0620-2-1:2013+EK1 510-11:2011
<i>Valid until:</i>	2018-07-17
<i>Issued on:</i>	2013-07-18

Product Information:

General product information

Products covered by this report are direct plug-in power meters.

All of the four models are with same constructions except different enclosure shape.

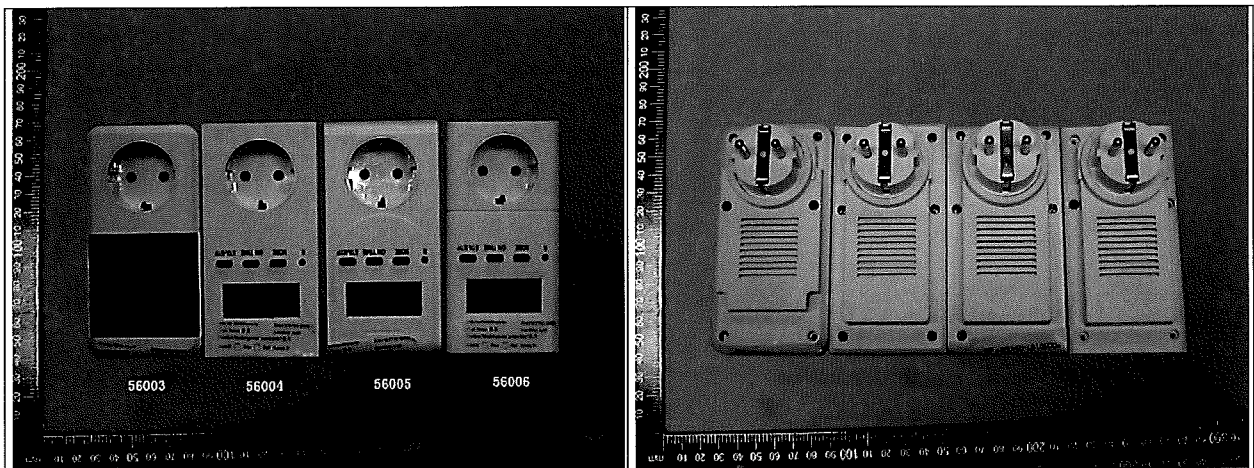
The products are intended to operate at altitudes up to 2000m.

Copy of marking plate



Note: Other models have similar markings as above except with different model name.

Product Pictures



Attachment to Certificate No.: 13SHN1379-01

List of Critical Components

Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
Enclosure	NINGBO TAIYONG ENGINEERING PLASTICS CO., LTD	ABS TY15A1FR (UL E252828)	V-0, thickness: 1,6 mm min	EN 61010-1	Tested with appliance
Face of LCD display	NINGBO TAIYONG ENGINEERING PLASTICS CO., LTD	ABS TY15A1FR (UL E252828)	V-0, thickness: 1,6 mm min	EN 61010-1	Tested with appliance
PCB	INTERNATIONAL LAMINATE MATERIAL LTD	DL-C3 (UL E134893)	V-0, 130°C thickness: 1,6 mm min.	EN 61010-1	Tested with appliance
Alt. use	GUANGZHOU ZENGCHENG JIN PENG ELECTRONICS FACTORY	2D (UL E248992)	V-0, 130°C thickness: 1,6 mm min.	EN 61010-1	Tested with appliance
Internal wire	YUEQING BOYUAN ELECTRONIC WIRE & CABLE CO LTD	1015 (UL E203561)	105°C, 600V 14AWG, VW-1	EN 61010-1	Tested with appliance
Alt. use	FOSHAN CITY SHUNDE JIN SHENG LONG ELE APPL CO LTD	1015 (UL E245714)	105°C, 600V 14AWG, VW-1	EN 61010-1	Tested with appliance
X capacitor	Dain Electronics Co., Ltd.	MPX	X2, 0,33µF 275VAC 40/110/21	IEC 60384-14	VDE 40018798
Alt. use	Jimson Electronics (Xiamen) Co., Ltd.	MKP	X2, 0,33µF 275VAC 40/100/21	IEC 60384-14	VDE 40000463
Alt. use	Changzhou Defu Electric Co., Ltd.	MPX/MKP	X2, 0,33µF 275VAC 40/100/21	DIN EN 60384-14	DIN CERTCO 8E-8311417413
Alt. use	Changzhou Dejie Optoelectronics Technology Co., Ltd.	MPX/MKP	X2, 0,33µF 275VAC 40/100/21	EN 60384-14	ENEC 69241669
Varistor	Lien Shun Technical Co. Ltd.	07D431K	Varistor voltage: 275V, Max peak current: 3500A AC2500V 40/085/56	IEC 61051-1 IEC 61051-2	VDE/ 40005858
Alt. use	Brightking (Shenzhen) Co., Ltd.	07D431K	Varistor voltage: 275V, Max peak current: 1750A AC2500V 40/085/56	IEC 61051-1 IEC 61051-2	VDE/ 40027827
Alt. use	Nanjing Jocol Electronics Technology Co., Ltd.	07D431K	Varistor voltage: 275V, Max peak current: 1200A Clamping voltage: AC710V 40/085/56	CECC 42201/01.1986 CECC 42200/01.1986 CECC 42000/01.1978	TUV Rh/ R50056768
Intermediate adaptor (plug & socket)	Zhejiang Kangtai Electric Co., Ltd.	6899MS	AC250V, 16A	DIN VDE 0620-2-1: 2013 in conjunction with DIN VDE 0620-1: 2013 EK1 510-11: 2011	130600884SHA-001 Tested with appliance

¹⁾ An asterisk indicates a mark which assures the agreed level of surveillance.



Attachment to Certificate No.: 13SHN1379-01

Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
None	None	None

Signed

M.Eng. Gary Hu

Date 2013-07-18