

Delivering leading edge, innovative power solutions for more than 30 years....

Model:GT-46400-40VV-X.X-T3

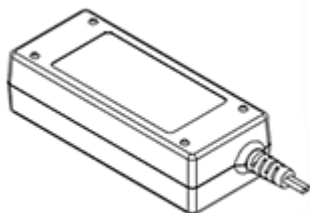
May 10, 2025

DOE EPS 2.0 Level VI Power Supply / Charger / AC Adapter, 40W Desktop/Tabletop with Class I Input, Available with 12-24VDC output Certified to Medical and ITE Standards

Information

Model Number	GT-46400-40VV-X.X-T3
Description	40 W, DoE Level VI & CoC Tier 2 Efficiency, Three Prong (C14) Inlet, Desktop Adapter, Ac-Dc Power Supply

Model Picture



Agency Documents	http://www.globtek.info/certs/GT-46400-WVVV-X.X-TZ/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000MikBiEAJ
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000MikBiEAJ
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf

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MODEL PARAMETERS

Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	1.0A
Wattage (W)	40.0
Vout Range (V)	12-24
Efficiency Level	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782
Ingress Protection	IPX0
Size (mm)	111*52*32.3

PROPRIETARY INFORMATION

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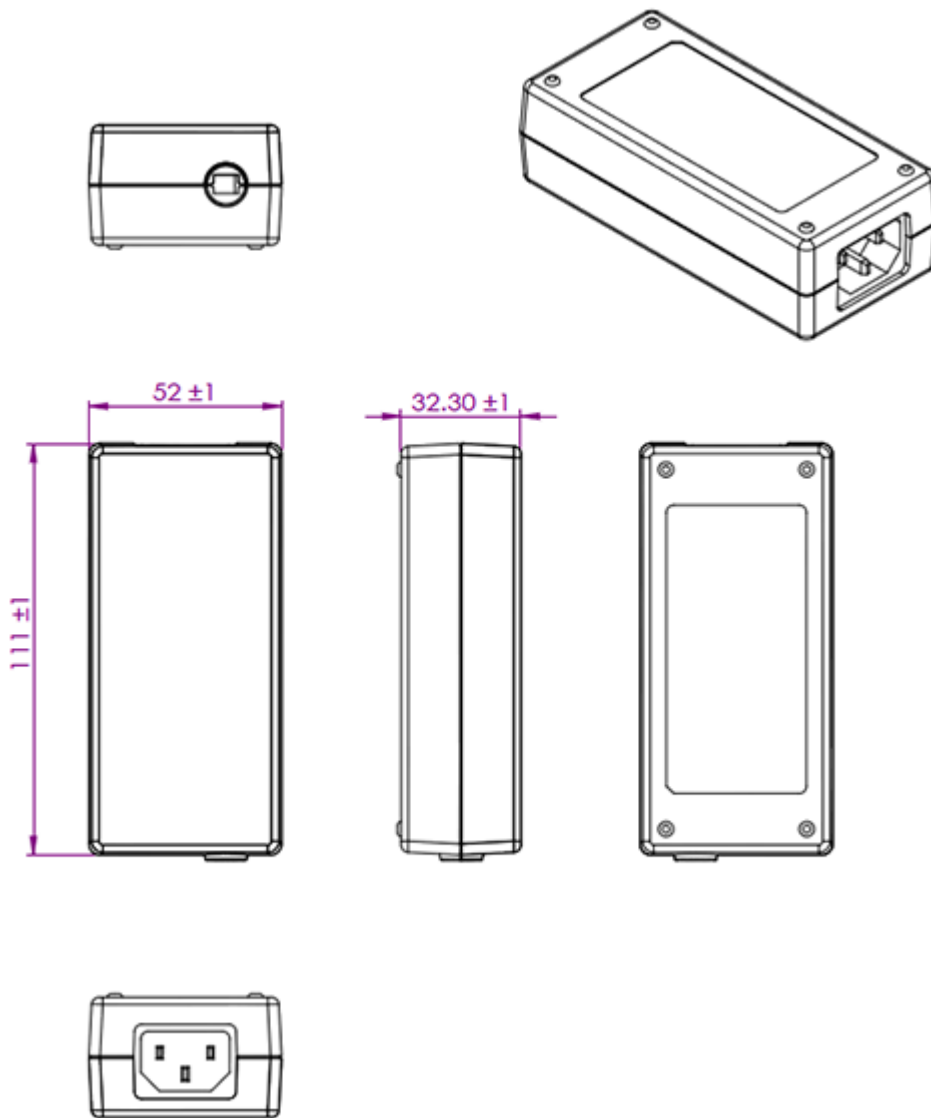
<https://www.globtek.com/ds/8dpEdGqnPhK/DBSco2Zimkz.html#datasheet>

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ENCLOSURE



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-46400-3612-T3	12 V	3	36.00	RFQ
GT-46400-3615-2.0-T3	13 V	2.77	36.01	RFQ
GT-46400-3615-1.0-T3	14 V	2.57	35.98	RFQ
GT-46400-4015-T3	15 V	2.66	39.90	RFQ
GT-46400-4019-3.0-T3	16 V	2.5	40.00	RFQ
GT-46400-4019-2.0-T3	17 V	2.35	39.95	RFQ
GT-46400-4019-1.0-T3	18 V	2.22	39.96	RFQ
GT-46400-4019-T3	19 V	2.1	39.90	RFQ
GT-46400-4024-4.0-T3	20 V	2	40.00	RFQ
GT-46400-4024-3.0-T3	21 V	1.9	39.90	RFQ
GT-46400-4024-2.0-T3	22 V	1.81	39.82	RFQ
GT-46400-4024-1.0-T3	23 V	1.73	39.79	RFQ
GT-46400-4024-T3	24 V	1.66	39.84	RFQ

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SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Input Rated Current: 1.0A RMS Max
04. Inrush Current: No damage
05. Average Efficiency: 87.6% Min (CEC & DOE LEVEL VI Compliant); 88.3% Min (ErP European Commission's Ecodesign Directive (2005/32/EC) / CoC Tier 2 Compliant)
06. Input Power(no load): <0.1W (CEC & DOE Level VI Compliant); <0.075W ErP European Commission's Ecodesign Directive (2005/32/EC) / CoC Tier 2 Compliant)
07. Load regulation: $\pm 5\%$
08. Ripple Voltage: 120mV (p-p) (100-240V AC Input). Measuring is done by 20MHz bandwidth oscilloscope and terminated each output with a 10uF aluminum electrolytic capacitor and 0.1uF ceramic capacitor.

B) PROTECTION

01. Over-Voltage: Electronically Protected Zener clamp across the output
02. Short Circuit: Electronically Protected unit will auto recover upon removal of fault
03. Over Temperature Protection
04. Over voltage protection: for 12V - 16V; for 15V - 20.25V, for 19V - 25.65, for 24V - 32.4V

C) SAFETY

01. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
02. Earth Leakage Current: <3.5 mA at 240Vac input voltage
03. Touch Current: <0.25mA @ 240Vac input voltage
04. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006
05. Earth continuity test:<0.1 Ω or < 0.2 Ω when with SUPPLY CORD"

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 40°C ambient temperature
03. Humidity: 10% to 90% relative humidity
04. Storage Temperature: -10°C to 70°C
05. Cooling: Convection
06. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 111*52*32.3 +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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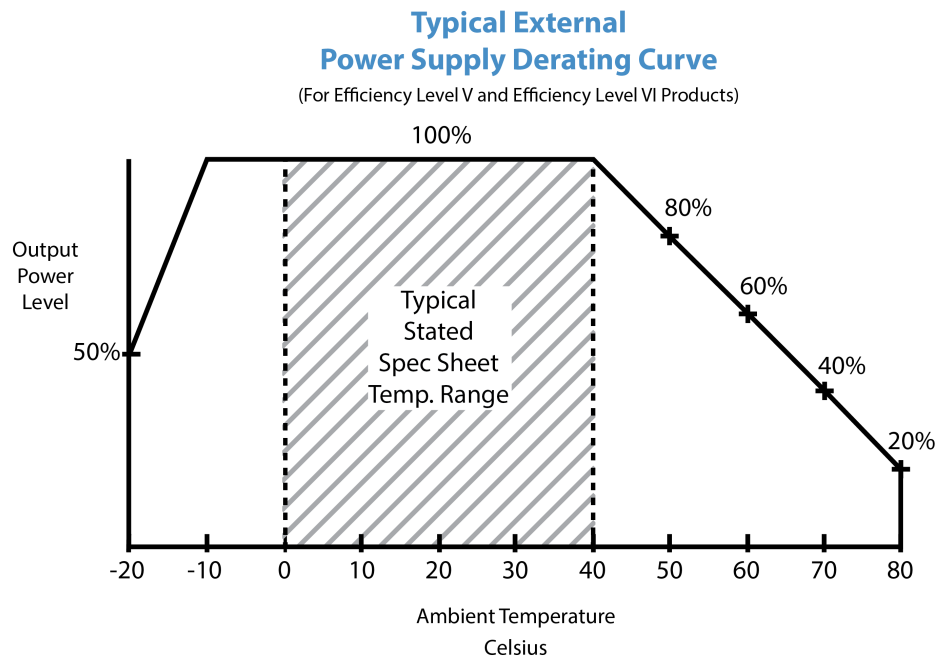
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DERATING CURVE



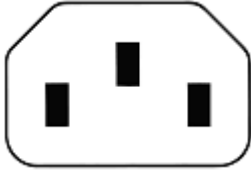
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INPUT CONFIGURATION

Description IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground



Mates with IEC 60320/C13 Plug

Optional Locking IEC60320 Receptacle and cord option available on some models by request.:



[Standard International IEC 320/C13 Cordsets](#)

Below are standard cordsets which are "not included" (unless stated above); these can be purchased separately or packaged with the power supply. Contact your Sales Engineer if the style required is not shown below. Many more available in different lengths, colors or cable material.

Stock Power Supply Cords

Part Number/ Link	Country	Plug	Termination	Length (mm)	(Ft)
3021457F701(R)	N. American (Type B)	NEMA 5-15P	IEC 320/C13	2150	7
1191068F0701(R)	N. American (Type B)	NEMA 5-15P Hospital	IEC 320/C13	2459	8
2194272M5701-T(R)	Argentina (Type I)	IRAM 2073	IEC 320/C13	2500	8
5502022M5701A(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C13	2500	8
204B4272M5701(R)	Brazil (Type N)	BRAZIL	IEC 320/C13	2500	8
6023602M5701(R)	China (Type I)	CCC GR2099	IEC 320/C13	2500	8
G8014272M5701(R)	Danish (Type K)	AFSNIT SECTION 107-2-D1	IEC 320/C13	2500	8
23144272M5701-T(R)	Europe (Type E)	CEE 7/7	IEC 320/C13	2500	8
23134272M5701EUKR(R)	Europe/Korea Combo (Type E)	CEE 7/7 / KSC8305	IEC 320/C13	2500	8
205IN4272M5701(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	8

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208IN4272M5701(R)	India (Type M)	India IS 1293 (also known as IA16A3 or BS546)	IEC320/C13	2500	8
377C4272M5701(R)	Israel (Type H)	ISL 377C	IEC 320/C13	2500	8
23024272M5701(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C13	2500	8
3003339F701(R) [3x1.25mm2]	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C13	2500	8
3003068F2701-HK(R) [3 x 2.0mm2]					
302J115J6F0701J(R)	North America / Japan (Type B – 12A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	6
302J104J6F0701J(R)	North America / Japan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	6
302JT104J9F0701JT(R)	North America / Japan / Taiwan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved), Taiwan CNS 6797 (BSMI Approved)	IEC 320/C13	2800	9
2313K3432M5701(R)	Korea (Type F)	KS C 8305	IEC 320/C13	2500	8
5804272M5701(R)	Russia (Type F)	GOST 7396	IEC 320/C13	2500	8
2084272M5701(R)	South Africa (Type M)	South Africa SABS164-1 (16A type)	IEC 320/C13	2500	8
23214272M5701(R)	Switzerland (Type J)	SEV 1011	IEC 320/C13	2500	8
3003322M5701(R)	Taiwan (Type B)	BSMI	IEC 320/C13	2500	8
6363762M5701(R)	Thailand (Type O)	TIS 166-2549	IEC 320/C13	2500	8
PZ0800100-2M5BK13H(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS 1363A	IEC 320/C13	2500	8
7055002M5701A(R)	International	IEC 320 C14-C13	IEC 320/C13	2500	8

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OUTPUT CONFIGURATION

Common output connector options:



L Type (Coaxial
5.5x2.5mm plug)



C Type (Coaxial
5.5x2.1mm plug)



K Type (Coaxial
3.5x1.3mm plug)



LL Type (5.5x2.5mm
Locking 760k type)



CL Type (5.5x2.1mm
Locking S761k type)



ML2 Type (Molex
housing 43025-0200)



YL3 Type
(KPPX-3P)



YL4 Type (KPPX-4P)



EJ1/2/3/4/5 (EIAJ
RC-5320A type
connectors)



MSB Type (Micro
USB)



USBC Type (USB
Type C)



Inquire for custom
design

For a comprehensive list of options, [click here](#)

Contact GlobTek for your specific requirements or custom solutions.

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Approvals

Logo	Description
No Logo Applicable	EU 230V CoC Tier 2, 278/2009, Mar 2014
No Logo	IEC 60950-1: 2005 (Second Edition) + Am 1: 2009 + Am 2: 201
No Logo Applicable	CB for IEC 62368-1:2014 (Second Edition)
	CE Mark: tested to comply with EN55022:2006/A1:2007 Class B including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-7, EN61000-4-8, EN61000-4-9, EN61000-4-10, EN61000-4-11, EN61000-4-12, EN61000-4-13, EN61000-4-14, EN61000-4-15, EN61000-4-16, EN61000-4-17, EN61000-4-18, EN61000-4-19, EN61000-4-20, EN61000-4-21, EN61000-4-22, EN61000-4-23, EN61000-4-24, EN61000-4-25, EN61000-4-26, EN61000-4-27, EN61000-4-28, EN61000-4-29, EN61000-4-30, EN61000-4-31, EN61000-4-32, EN61000-4-33, EN61000-4-34, EN61000-4-35, EN61000-4-36, EN61000-4-37, EN61000-4-38, EN61000-4-39, EN61000-4-40, EN61000-4-41, EN61000-4-42, EN61000-4-43, EN61000-4-44, EN61000-4-45, EN61000-4-46, EN61000-4-47, EN61000-4-48, EN61000-4-49, EN61000-4-50, EN61000-4-51, EN61000-4-52, EN61000-4-53, EN61000-4-54, EN61000-4-55, EN61000-4-56, EN61000-4-57, EN61000-4-58, EN61000-4-59, EN61000-4-60, EN61000-4-61, EN61000-4-62, EN61000-4-63, EN61000-4-64, EN61000-4-65, EN61000-4-66, EN61000-4-67, EN61000-4-68, EN61000-4-69, EN61000-4-70, EN61000-4-71, EN61000-4-72, EN61000-4-73, EN61000-4-74, EN61000-4-75, EN61000-4-76, EN61000-4-77, EN61000-4-78, EN61000-4-79, EN61000-4-80, EN61000-4-81, EN61000-4-82, EN61000-4-83, EN61000-4-84, EN61000-4-85, EN61000-4-86, EN61000-4-87, EN61000-4-88, EN61000-4-89, EN61000-4-90, EN61000-4-91, EN61000-4-92, EN61000-4-93, EN61000-4-94, EN61000-4-95, EN61000-4-96, EN61000-4-97, EN61000-4-98, EN61000-4-99, EN61000-5-00, EN61000-5-01, EN61000-5-02, EN61000-5-03, EN61000-5-04, EN61000-5-05, EN61000-5-06, EN61000-5-07, EN61000-5-08, EN61000-5-09, EN61000-5-10, EN61000-5-11, EN61000-5-12, EN61000-5-13, EN61000-5-14, EN61000-5-15, EN61000-5-16, EN61000-5-17, EN61000-5-18, EN61000-5-19, EN61000-5-20, EN61000-5-21, EN61000-5-22, EN61000-5-23, EN61000-5-24, EN61000-5-25, EN61000-5-26, EN61000-5-27, EN61000-5-28, EN61000-5-29, EN61000-5-30, EN61000-5-31, EN61000-5-32, EN61000-5-33, EN61000-5-34, EN61000-5-35, EN61000-5-36, EN61000-5-37, EN61000-5-38, EN61000-5-39, EN61000-5-40, EN61000-5-41, EN61000-5-42, EN61000-5-43, EN61000-5-44, EN61000-5-45, EN61000-5-46, EN61000-5-47, EN61000-5-48, EN61000-5-49, EN61000-5-50, EN61000-5-51, EN61000-5-52, EN61000-5-53, EN61000-5-54, EN61000-5-55, EN61000-5-56, EN61000-5-57, EN61000-5-58, EN61000-5-59, EN61000-5-60, EN61000-5-61, EN61000-5-62, EN61000-5-63, EN61000-5-64, EN61000-5-65, EN61000-5-66, EN61000-5-67, EN61000-5-68, EN61000-5-69, EN61000-5-70, EN61000-5-71, EN61000-5-72, EN61000-5-73, EN61000-5-74, EN61000-5-75, EN61000-5-76, EN61000-5-77, EN61000-5-78, EN61000-5-79, EN61000-5-80, EN61000-5-81, EN61000-5-82, EN61000-5-83, EN61000-5-84, EN61000-5-85, EN61000-5-86, EN61000-5-87, EN61000-5-88, EN61000-5-89, EN61000-5-90, EN61000-5-91, EN61000-5-92, EN61000-5-93, EN61000-5-94, EN61000-5-95, EN61000-5-96, EN61000-5-97, EN61000-5-98, EN61000-5-99, EN61000-6-00, EN61000-6-01, EN61000-6-02, EN61000-6-03, EN61000-6-04, EN61000-6-05, EN61000-6-06, EN61000-6-07, EN61000-6-08, EN61000-6-09, EN61000-6-10, EN61000-6-11, EN61000-6-12, EN61000-6-13, EN61000-6-14, EN61000-6-15, EN61000-6-16, EN61000-6-17, EN61000-6-18, EN61000-6-19, EN61000-6-20, EN61000-6-21, EN61000-6-22, EN61000-6-23, EN61000-6-24, EN61000-6-25, EN61000-6-26, EN61000-6-27, EN61000-6-28, EN61000-6-29, EN61000-6-30, EN61000-6-31, EN61000-6-32, EN61000-6-33, EN61000-6-34, EN61000-6-35, EN61000-6-36, EN61000-6-37, EN61000-6-38, EN61000-6-39, EN61000-6-40, EN61000-6-41, EN61000-6-42, EN61000-6-43, EN61000-6-44, EN61000-6-45, EN61000-6-46, EN61000-6-47, EN61000-6-48, EN61000-6-49, EN61000-6-50, EN61000-6-51, EN61000-6-52, EN61000-6-53, EN61000-6-54, EN61000-6-55, EN61000-6-56, EN61000-6-57, EN61000-6-58, EN61000-6-59, EN61000-6-60, EN61000-6-61, EN61000-6-62, EN61000-6-63, EN61000-6-64, EN61000-6-65, EN61000-6-66, EN61000-6-67, EN61000-6-68, EN61000-6-69, EN61000-6-70, EN61000-6-71, EN61000-6-72, EN61000-6-73, EN61000-6-74, EN61000-6-75, EN61000-6-76, EN61000-6-77, EN61000-6-78, EN61000-6-79, EN61000-6-80, EN61000-6-81, EN61000-6-82, EN61000-6-83, EN61000-6-84, EN61000-6-85, EN61000-6-86, EN61000-6-87, EN61000-6-88, EN61000-6-89, EN61000-6-90, EN61000-6-91, EN61000-6-92, EN61000-6-93, EN61000-6-94, EN61000-6-95, EN61000-6-96, EN61000-6-97, EN61000-6-98, EN61000-6-99, EN61000-7-00, EN61000-7-01, EN61000-7-02, EN61000-7-03, EN61000-7-04, EN61000-7-05, EN61000-7-06, EN61000-7-07, EN61000-7-08, EN61000-7-09, EN61000-7-10, EN61000-7-11, EN61000-7-12, EN61000-7-13, EN61000-7-14, EN61000-7-15, EN61000-7-16, EN61000-7-17, EN61000-7-18, EN61000-7-19, EN61000-7-20, EN61000-7-21, EN61000-7-22, EN61000-7-23, EN610

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 GlobTek, Inc.	less]. Please reference the following website for guidelines on P https://www.globtek.com/r2/Szj4Vb
 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50469658, to J62368-1(H30) J55032(H29),J3000(H25)[DC15?30V]. Please reference the foll regulations: https://www.globtek.com/r2/Szj4Vb
 직류전원장치 AC/DC ADAPTER KTC HU10499-24061 R-R-GSZ-0025 전기용품안전관리법에 의한 표시 최저소비효율기준 만족 제품 모델명:GT-46400-3612-T3 Mfr. Name: GLOBTEK (SUZHOU) CO.,LTD A/S Center:10-6221-6100	Korea KET KC Mark GT-46400-3612 (12, 13, 13.5, 14 and 14.5
EFFICIENCY LEVEL 	Efficiency: complies to section 301 of Energy Independence and Energy Star tier 2 (North America), ECP tier 2 (China), MEPS tier (Europe)
LPS	Limited Power Source 60950
	Morocco SDoC declaration http://www.globtek.info/certs/Morocco%20SDoC%20Declaration
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with http://www.ce-mark.com/Rohs%20final.pdf
	SIQ Mark EN 62368-1:2014 + All:2017

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	UKCA Certification
	Ukraine UKRSepro (Document: www.globtek.com/html/iso_cert)
	UL 62368-1 and CAN/CSA C22.2 No. 62368-1-14
	Japan: Voluntary Control Council for Interference (VCCI)
	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/envi) Mark is on the label or Molded in the case