

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

Model:GT-43004P150VV-x.x-T3A

July 16, 2019

GT-43004P150VV-x.x-T3A

Information

Model Number GT-43004P150VV-x.x-T3A

Description GT-43004P150VV-x.x-T3A, ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6 AC Inlet Connector, Class I, Earth Ground (aka "Mickey Mouse"), Output Rating: 150 Watts, Power rating with convection cooling (W) , 24V in 0.1V increments, Approvals: S-Mark 60950; CB 60950; CE; China RoHS; Class I; GOST-R; Level V; PSE; RoHS; Ukraine; cULus; VCCI; WEEE; Saudi; IRAM; CCC; HKSM; South Africa; South Africa; CE; Malaysia; RCM; Taiwan BSMI; Korea (24V Only); Singapore (24V); PSE; PSE; EAC; SGS (Brazil);

Model Picture



Agency Documents <http://www.globtek.info/certs/GT-43004P-T3%20-T3A/>

CE Declaration https://www.globtek.com/pdf/ec_declaration/a0Oa000000C0zmyEAB

RoHS/RoHS2 Declaration https://www.globtek.com/pdf/rohs_cert/a0Oa000000C0zmyEAB

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

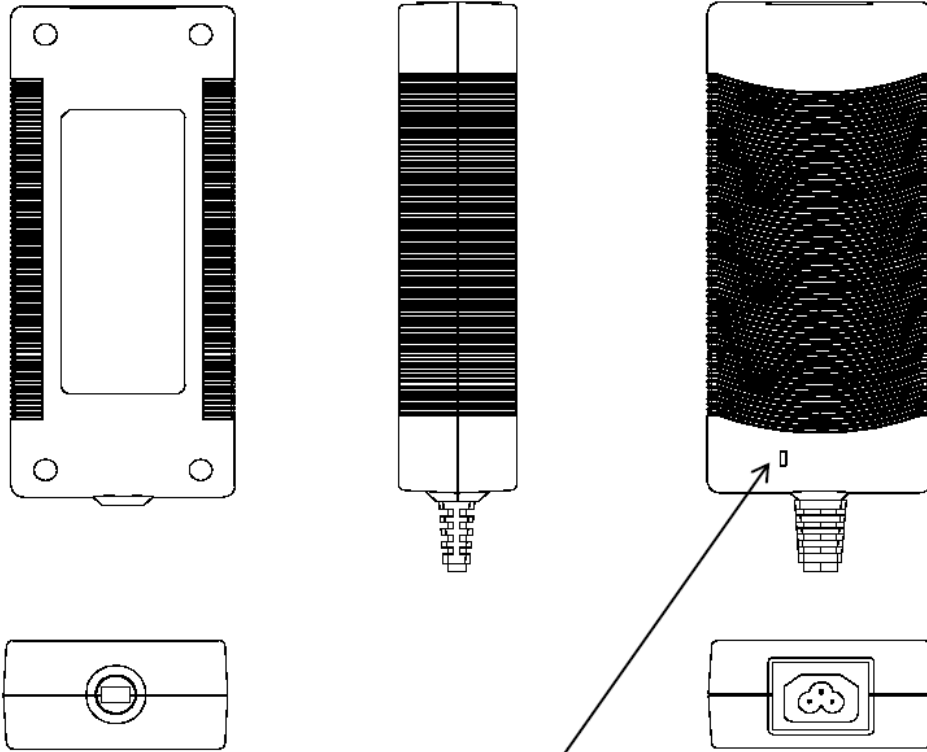
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	
Wattage (W)	150.0
Vout Range (V)	24
Efficiency Level	V
Ingress Protection	
Size (mm)	110*60*34

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ENCLOSURE



LED INDICATOR
GREEN = "ON"

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-43004P10012-T3A	12 V	8.33	99.96	RFQ
GT-43004P12012-T3A	12 V	10	120.00	RFQ
GT-43004P12016-1.0-T3A	15 V	8	120.00	RFQ
GT-43004P12016-T3A	16 V	7.5	120.00	RFQ
GT-43004P12019-1.0-T3A	18 V	6.66	119.88	RFQ
GT-43004P12019-T3A	19 V	6.31	119.89	RFQ
GT-43004P15024-T3A	24 V	6.25	150.00	RFQ

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SPECIFICATIONS**A) ELECTRICAL SPECIFICATIONS:**

01. Input Voltage: 100-240 Vac
02. Input Current: 0.6 A RMS max
03. Input Frequency: 47 - 63 Hz
04. Output Regulation: +/- 5% measured at the output connector
05. Line Voltage Regulation: +/- 1% typical measured at full load
06. Output Ripple (Vp-p): +/-1% or 200 mV whichever is greater, measured at 20 MHz bandwidth with 0.1 uf ceramic capacitor in parallel with 10 uf electrolytic capacitor connected at the end of the output connector at nominal line
07. Turn-ON/OFF Overshoot: 5% maximum, 1 mS typical recovery time for 25% to 50% step load
08. Turn-ON Delay: 3000 mS, maximum @ full load, nominal line
09. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
10. Inrush Current: 30A maximum cold start @ 240Vac input
11. Switching Frequency: 100 KHz typical

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. Input Protection: Input line fusing

C) SAFETY

01. Dielectric Withstand Voltage: 2121Vdc from primary to secondary, 10mA 1 minute
02. Earth Leakage Current: <0.25 mA at 240Vac input voltage
03. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 40°C ambient temperature
03. Humidity: 0% to 90% relative humidity
04. Storage Temperature: -10°C to 80°C
05. Cooling: Convection

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 172.5*72.2*42.0 mm +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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DERATING CURVE

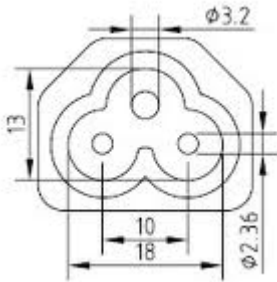
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Input Configuration

Description IEC 60320/C6 AC Inlet Connector, Class I, Earth Ground (aka "Mickey Mouse")



Mates with IEC 60320/C5 Plug

Standard International IEC 320/C5 Cordsets

Below are standard cordsets which are "not included" (unless stated above); these can be purchased separately or package 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.

Part Number / Link	Country	Plug	Connector	Length (mm)	Length (ft)
3021066F712(R)	N. American (Type B)	NEMA 5-15P	IEC 320/C5	1880	6
1191068F0712(R)	N. American (Type B)	NEMA 5-15P Hospital	IEC 320/C5	2459	8
2064262M0712(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C5	2050	7
204B4262M0712(R)	Brazil (Type N)	BRAZIL	IEC 320/C5	2050	7
6023592M5712(R)	China (Type I)	CCC GR2099	IEC 320/C5	2500	8
23144262M0712(R)	Europe (Type E)	CEE 7/7	IEC 320/C5	2050	7
2084262M0712(R)	S.Africa (Type M)	S.Africa	IEC 320/C5	2050	7
23024262M0712(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C5	2050	7
3003316F0712(R)	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C5	1830	6
3021066F0712ULPSE(R)	Japan / USA (Type B)	JIS 8303 / 3 PINS + NEMA 5-15P	IEC 320/C5	1830	6
23214262M0712(R)	Switzerland (Type J)	SEV 1011 (EL 203)	IEC 320/C5	2050	7
6104262M0712(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C5	2050	7

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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
 R32282 RoHS (Pb)	BSMI Taiwan GT-43004P15024-T3 (24V only); CNS143361-1 (99) CNS13438 (95) http://www.bsmi.gov.tw/wSite/ct?xItem=4072&ctNode=8167=2
No Logo Applicable	CB report 60950-1 2nd Ed
	CCC to GB4943.1-2011; GB/T9254-2008 GB17625.1-2012, Tropical <2000
	CE Certification Class II CE Mark: tested to comply with EN 55032.2012+AC.2013 EN 61000-3-2.2014 EN 61000-3-3.2013 EN 55024.2010
	CE Mark: tested to comply with EN55022:2006/A1:2007 Class B, EN610003-2, EN610003-3 including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6N EN61000-4-11; EMI: Complies with EN55011 CLASS B and FCC Part 15B - On label or Molded in case
	CHINA SJ/T 11364-2014, China RoHS Chart: http://en.globtek.com/globtek-rohs.php
	Certification # TC RU AR46.B.69004 Custom Union of Russia, Belarus and Kazakhstan
	GOST-R mark for Russia(Document: http://www.globtek.com/html/iso_certificates/GT_GOST-R.pdf). 03/15/2015. Due to lack of demand, GlobTek will not be renewing it's GOST certification. Please contact your sales engineer for pricing on EAC.
 L00480 A - 1	Hong Kong Safety Mark License IEC60950-1:2005 + A1:2009
	Indoor Use Only - Mark is on the label or Molded in the case
 DC-E-G71-001.6	IRAM certificate DC-E-G71-001.6 to IEC 60950 + A1:2009
PRECAUCION: PARA USO EN EQUIPOS ELECTRONICOS SOLAMENTE	
 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50313287, to J60950-1(H26) , J55022(H22),J3000(H25)[15V or less]. Please reference the following website for guidelines on PSE regulations: http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/
	JAPAN TUV R-PSE, Cert. No. JD 50313287, to J60950-1(H26) , J55022(H22),J3000(H25)[DC15?30V].

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 GlobTek, Inc.	Please reference the following website for guidelines on PSE regulations: http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/
 직류전원장치 AC/DC ADAPTER KTC HU10499-14018A MSIP-REM-GSZ-GT-43004P15024 전기용품안전관리법에 의한 표시 최저소비효율기준 만족 제품 모델명:GT-43004P15024-T3 Mfr. Name: GLOBTEK (SUZHOU) CO.,LTD A/S Center:10-6221-6100	Korea KET KC Mark GT-43004P15024-T3 & T3A HU10499-14018A (24V Only)
EFFICIENCY LEVEL 	Efficiency: complies to section 301 of Energy Independence and Security Act (EISA) complies with Energy Star tier 2 (North America), ECP tier 2 (China), MEPS tier 2 (Australia), Code of Conduct (Europe)
No Logo	Malaysia ST Release Letter GT-43004P-T* IEC60950-1:2005 (ED.2) + A1:2009 No logo
 GlobTek, Inc.	JAPAN TUV Rheinland-PSE GlobTek Inc to J60950-1(H26) , J55022(H22),J3000(H25).Please follow the procedure listed in the following link for proper import to Japan: http://en.globtek.com/importing-to-japan.php
	RCM certificate GT-43004PWWVVV-X.X-TZ; Australia and New Zealand Regulatory Compliance, Mark (http://rcm.standards.org.au/rcmfaq/rcmfaq.htm)
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015/863-EU (ROHS-3) http://www.ce-mark.com/Rohs%20final.pdf
 Intertek	S-Mark Certificate EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 +A2:2013 (http://www.intertek.com/marks/s/)
إمدادات الطاقة	Saudi Arabia approval to IEC 60950-2005
	SGS (Brazil) to IEC 60950-1: 2005(Second edition) + Am1:2009 +Am2:2013 (12 - 24 Volts)
 180236-12	Singapore GT-43004P15024-T3 ICE 60950-1:2005 + A1:2009 +A2:2013
No Logo	12
No Logo	12
 10276	Ukraine UKRSepr (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
 LISTED 4800 E341351	UL cULus LISTED 4MU8 E341351
 	Japan: Voluntary Control Council for Interference (VCCI) WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste/wEEE/index_en.htm) Mark is on the label or Molded in the case

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