

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

Model:GT-43004P120VV-x.x-T3

July 16, 2019

120W - 150W External Power AC Adapter Power Supply available from 12v - 24V

Information

Model Number GT-43004P120VV-x.x-T3

Description GT-43004P120VV-x.x-T3, ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground, Output Rating: 120 Watts, Power rating with convection cooling (W) , 12-24V in 0.1V increments, Approvals: S-Mark 60950; Level V; PSE; Ukraine; China RoHS; CE; WEEE; Class I; VCCI; RoHS; CB 60950; NOM; India; cULus; EC; Israel; Peru; CE; RCM; Taiwan BSMI; CCC; HKSM; IRAM; Korea (24V Only); Saudi; Singapore (24V); South Africa; South Africa; PSE; PSE; EAC; Malaysia; FCC; SGS (Brazil);

Model Picture



Agency Documents <http://www.globtek.info/certs/GT-43004P-T3%20-T3A/>
CE https://www.globtek.com/pdf/ec_declaration/a0O30000007P7YxEAK
EC-Declaration
RoHS/RoHS2 Declaration https://www.globtek.com/pdf/rohs_cert/a0O30000007P7YxEAK
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

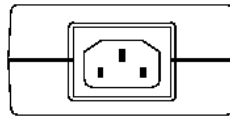
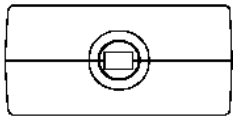
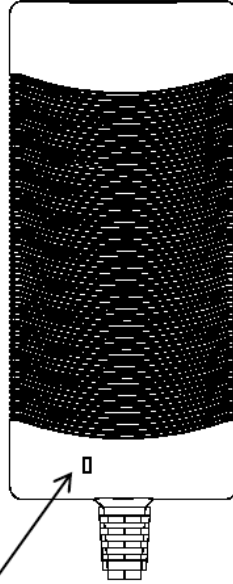
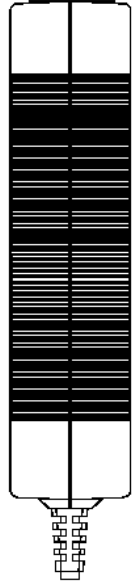
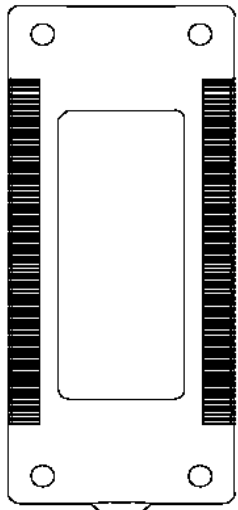
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	2.0A
Wattage (W)	120.0
Vout Range (V)	12-24
Efficiency Level	V
Ingress Protection	Indoor Use
Size (mm)	172.5*72.2*42.0

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ENCLOSURE



LED INDICATOR
GREEN = "ON"

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-43004P12012-T3	12 V	10	120.00	RFQ
GT-43004P12016-3.2-T3	12.8 V	9.37	119.94	RFQ
GT-43004P12016-2.5-T3	13.5 V	8.88	119.88	RFQ
GT-43004P12016-1.0-T3	15 V	8	120.00	RFQ
GT-43004P12016-T3	16 V	7.5	120.00	RFQ
GT-43004P12019-1.0-T3	18 V	6.66	119.88	RFQ
GT-43004P12019-T3	19 V	6.31	119.89	RFQ
GT-43004P15024-T3	24 V	6.25	150.00	RFQ
GT-43004P12024-T3	24 V	5	120.00	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. Output Regulation: +/- 5% measured at the output connector
04. Line Voltage Regulation: +/- 1% typical measured at the output connector
05. 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 47 uf electrolytic capacitor connected at the end of the output connector at nominal line
06. Turn-ON/OFF Overshoot: 10% maximum, 1 mS typical recovery time for 25% step load
07. Turn-ON Delay: 3000 mS, maximum @ full load, nominal line
08. Hold-Up Time: 10 mS typical @ nominal input voltage and full load
09. Inrush Current: 40A typical 115VAC input and 60A typical at 230VAC input
10. Switching Frequency: 100 KHz typical

B) PROTECTION

01. Over-Voltage: AC cycling required to reset output
02. Short Circuit: AC cycling required to reset output
03. Input Protection: Input line fusing

C) SAFETY

01. Dielectric Withstand Voltage: 4242 Vdc from primary to secondary
02. Touch Current: <0.25mA @ 240Vac input voltage
03. Earth continuity test:<0.1 Ohm or < 0.2 Ohm when with a non-detachable Power Supply cord, Class I Only
04. 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 +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case
04. GREEN LED to indicate power ON

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DERATING CURVE

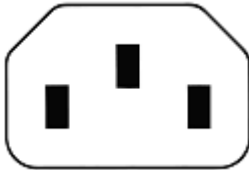
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Input Configuration

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
205IN4272M5701(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	8
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

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3003068F2701-HK(R) [3 x 2.0mm2]						
302J115J6F0701J(R)	Japan / North America (Type B – 12A)	JIS 8303 / 3 PINS and NEMA 5-15P (PSE and UL/CUL appr)	IEC 320/C13	1830	6	
302J104J6F0701J(R)	Japan / North America (Type B – 15A)	JIS 8303 / 3 PINS and NEMA 5-15P (PSE and UL/CUL appr)	IEC 320/C13	1830	6	
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	
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
 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 GB9254-2008 GB17625.1-2012 with Tropical and Altitude above 2000m approval
	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
	UL60950-1, cULus to UL 60950-1, 2nd Edition, 2007-03-27 and CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03 5V and 12V only
No Logo	Certification # TC RU AR46.B.69004 Custom Union of Russia, Belarus and Kazakhstan
	EC-Conformity Declaration: http://www.globtek.com/html/iso_certificates/EC-DECLARATION.pdf , REACH 144 SVHC: http://www.globtek.com/html/iso_certificates/Reach144.pdf
	FCC PART 15 CLASS B
L00480 A -1	Hong Kong Safety Mark License IEC60950-1:2005 + A1:2009
IS 13252 (Part 1) IEC 60950-1  R-41017175 www.bis.gov.in	Bureau Of Indian Standards for GT-43004P15024-T3
	Indoor Use Only - Mark is on the label or Molded in the case

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	DC-E-G71-001.6	IRAM certificate DC-E-G71-001.6 to IEC 60950 + A1:2009	
PRECAUCION: PARA USO EN EQUIPOS ELECTRONICOS SOLAMENTE			
ITE כוּחַ פְּנּוּ	To test compliance with the requirements of Israel Standard SI 60950 Part 1 ? Safety of information technology equipment: General requirements, Feb. 2012.		
	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/	
	GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50313287, to J60950-1(H26) , J55022(H22),J3000(H25)[DC15?30V].	
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		
	NOM (Mexico) GT-43004P5024-T3 to NOM-001-SCFI-1993 (24 Volts only)		
Fuente de alimentación de ITE	Peru MTC 2034-2016-MTC/29 for GT-43004P15024-T3 No logo		
No Logo	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		
	GlobTek, Inc.	RCM certificate GT-43004PWWVVV-X.X-TZ; Australia and New Zealand Regulatory Compliance, Mark (http://rcm.standards.org.au/rcmfaq/rcmfaq.htm)	
 H136 SAA12 1417EA	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		
RoHS	S-Mark Certificate EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+A2:2013 http://www.intertek.com/marks/s/		
			

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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

No Logo

12

No Logo

12



10276

Ukraine UKRSepr (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)



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