

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

Model:GT-43006-40VV-x.x-T3A

May 25, 2019

## GT-43006-40VV-x.x-T3A

### Information

Model Number GT-43006-40VV-x.x-T3A

Description GT-43006-40VV-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: 40 Watts, Power rating with convection cooling (W) , 8-48V in 0.1V increments, Approvals: CB 60950; CE; China RoHS; Class I; UL/cUL; EC; GOST-R; IP40; Level V; LPS; NEMKO 60950; PSE; RoHS; Ukraine; VCCI; WEEE; S-Mark 60950;

Model Picture



Agency Documents <http://www.globtek.info/certs/GT-43006-T2%20-T3%20-T3A/>  
CE [https://www.globtek.com/pdf/ec\\_declaration/a0Oa000000BzyDyEAJ](https://www.globtek.com/pdf/ec_declaration/a0Oa000000BzyDyEAJ)  
EC-Declaration  
RoHS/RoHS2 [https://www.globtek.com/pdf/rohs\\_cert/a0Oa000000BzyDyEAJ](https://www.globtek.com/pdf/rohs_cert/a0Oa000000BzyDyEAJ)  
Declaration  
REACH [https://www.globtek.com/pdf/iso\\_certificates/REACH.pdf](https://www.globtek.com/pdf/iso_certificates/REACH.pdf)  
Declaration  
Conflict  
Minerals <https://www.globtek.com/pdf/conflict-minerals.pdf>  
Declaration

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Model:GT-43006-40VV-x.x-T3A

May 25, 2019

**Model Parameters**

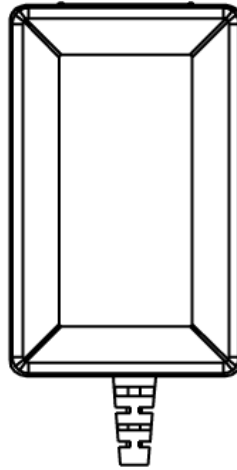
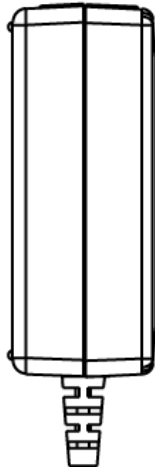
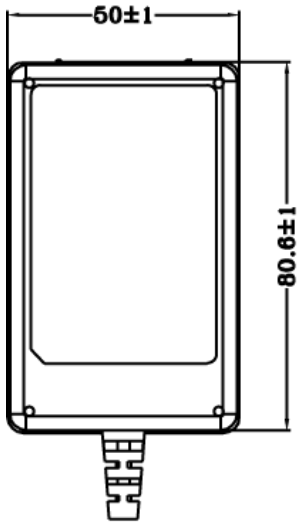
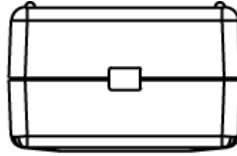
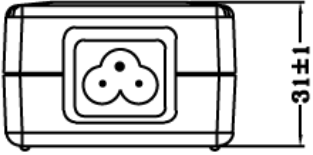
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	1.0A
Wattage (W)	40.0
Vout Range (V)	8-48
Efficiency Level	V
Ingress Protection	IP40
Size (mm)	0

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May 25, 2019

ENCLOSURE



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May 25, 2019

**RATING TABLE**

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-43006-2415-7.0-T3A	8 V	3	24.00	<a href="#">RFQ</a>
GT-43006-2715-6.0-T3A	9 V	3	27.00	<a href="#">RFQ</a>
GT-43006-3615-3.0-T3A	12 V	3	36.00	<a href="#">RFQ</a>
GT-43006-4015-3.0-T3A	12 V	3.3	39.60	<a href="#">RFQ</a>
GT-43006-4015-T3A	15 V	2.7	40.50	<a href="#">RFQ</a>
GT-43006-4024-5.0-T3A	19 V	2.1	39.90	<a href="#">RFQ</a>
GT-43006-4024-T3A	24 V	1.67	40.08	<a href="#">RFQ</a>
GT-43006-4048-12.0-T3A	36 V	1.1	39.60	<a href="#">RFQ</a>
GT-43006-4048-T3A	48 V	0.83	39.84	<a href="#">RFQ</a>

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May 25, 2019

## SPECIFICATIONS

### A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz03. 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 150 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
06. Turn-ON/OFF Overshoot: 5% maximum, 1 mS typical recovery time for 25% step load
07. Turn-ON Delay: 1 second typical
08. Hold-Up Time: 8mS typical at nominal input voltage and full load
09. Inrush Current: 30A typical at 115Vac input and 60A typical at 230 Vac input
10. Switching Frequency: 65 KHz typical

### B) PROTECTION

01. Over-Voltage: Protected Zener clamp across the output
02. Short Circuit: Protected unit will auto recover upon removal of fault
03. Input Protection: Input line fusing

### C) SAFETY

01. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
02. Earth Leakage Current: <3.5 mA at 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. Touch Current: <0.25mA @ 240Vac input voltage
05. 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: 80.6 x 50.0 x 31 +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case
04. Color: COOL GRAY PANTONE # 11C and Black

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May 25, 2019

DERATING CURVE

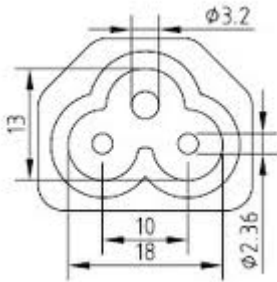
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Model:GT-43006-40VV-x.x-T3A

May 25, 2019

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

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May 25, 2019

**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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May 25, 2019

## Approvals

Logo	Description
No Logo	CB Report EN 60950-1:2005+A1+A2 (EN 60950-1:2006+A11+A1+A12+A2)
	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: <a href="http://en.globtek.com/globtek-rohs.php">http://en.globtek.com/globtek-rohs.php</a>
	UL60950-1, cULus to UL 60950-1, 2nd Edition, 2007-03-27 and CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03
No Logo	EC-Conformity Declaration: <a href="http://www.globtek.com/html/iso_certificates/EC-DECLARATION.pdf">http://www.globtek.com/html/iso_certificates/EC-DECLARATION.pdf</a> , REACH 144 SVHC: <a href="http://www.globtek.com/html/iso_certificates/Reach144.pdf">http://www.globtek.com/html/iso_certificates/Reach144.pdf</a>
	GOST-R mark for Russia(Document: <a href="http://www.globtek.com/html/iso_certificates/GT_GOST-R.pdf">http://www.globtek.com/html/iso_certificates/GT_GOST-R.pdf</a> ). 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.
	Indoor Use Only - Mark is on the label or Molded in the case
IP40	Ingress Protection: ?IP40 to IEC60529:2001 Protection against granular foreign bodies
<b>EFFICIENCY LEVEL</b> 	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)
LPS	Limited Power Source
	Nemko w Class I Warning Nemko EN60950-1:2006, A11, A1, A12
Apparatet må tilkoples jordnet stikkontakt	
	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: <a href="http://en.globtek.com/importing-to-japan.php">http://en.globtek.com/importing-to-japan.php</a> .
GlobTek, Inc.	
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015/863-EU (ROHS-3) <a href="http://www.ce-mark.com/Rohs%20final.pdf">http://www.ce-mark.com/Rohs%20final.pdf</a>
	S-Mark Certificate EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 +A2:2013 ( <a href="http://www.intertek.com/marks/s/">http://www.intertek.com/marks/s/</a> )
	Ukraine UKRSepro (Document: <a href="http://www.globtek.com/html/iso_certificates/GT_Ukraine.pdf">www.globtek.com/html/iso_certificates/GT_Ukraine.pdf</a> )
	Japan: Voluntary Control Council for Interference (VCCI)
	WEEE: Complies with EU 2012/19/EU ( <a href="http://ec.europa.eu/environment/waste/weee/index_en.htm">http://ec.europa.eu/environment/waste/weee/index_en.htm</a> ) Mark is on the label or Molded in the case