

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

Model:GT-41132-60VV-x.x-T3A

June 1, 2020

## GT-41132-60VV-x.x-T3A

### Information

Model Number

GT-41132-60VV-x.x-T3A

Description

GT-41132-60VV-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: 60 Watts, Power rating with convection cooling (W) , 12-24V in 0.1V increments, Approvals: Korea (12V 15V Only); CB 60950; CCC; CE; Ukraine; China RoHS; Class I; EAC; Level V; LPS 60950; NEMKO 60950; NrCAN; PSE; RoHS; cULus; VCCI; CB up to 45C @ 40W; CE; WEEE; CU Kazakhstan; South Africa; TUV (Brazil 12-24V); PSE; PSE; Korea (19V, 20V, 24V only); RCM;

Model Picture



Agency Documents

<http://www.globtek.info/certs/GT-41132-T2-T3-T3A/>

CE EC-Declaration

[https://www.globtek.com/pdf/ec\\_declaration/a00a000000HSgDwEAL](https://www.globtek.com/pdf/ec_declaration/a00a000000HSgDwEAL)

RoHS/RoHS2 Declaration

[https://www.globtek.com/pdf/rohs\\_cert/a00a000000HSgDwEAL](https://www.globtek.com/pdf/rohs_cert/a00a000000HSgDwEAL)

REACH Declaration

[https://www.globtek.com/pdf/iso\\_certificates/REACH.pdf](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**

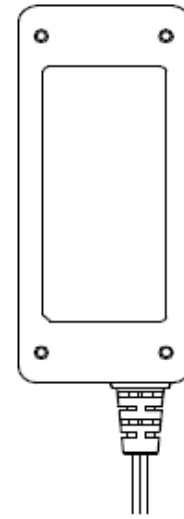
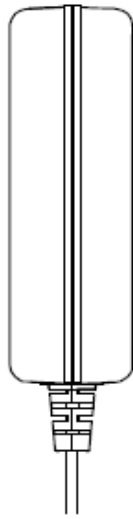
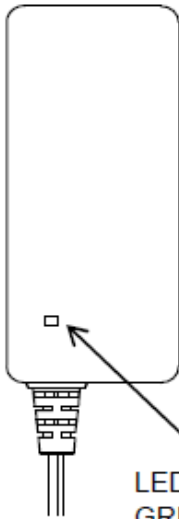
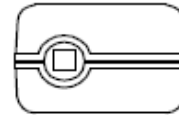
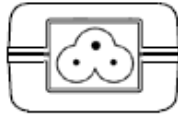
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	1.5A
Wattage (W)	60.0
Vout Range (V)	12-24
Efficiency Level	V
Ingress Protection	IPX0, IPx1 or higher available
Size (mm)	47*114*32.4

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ENCLOSURE



LED INDICATOR  
GREEN = "ON"

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## RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41132-6012-T3A	12 V	5	60.00	<a href="#">RFQ</a>
GT-41132-6024-9.0-T3A	15 V	4	60.00	<a href="#">RFQ</a>
GT-41132-6024-6.0-T3A	18 V	3.33	59.94	<a href="#">RFQ</a>
GT-41132-6024-5.5-T3A	18.5 V	3.4	62.90	<a href="#">RFQ</a>
GT-41132-6024-5.0-T3A	19 V	3.42	64.98	<a href="#">RFQ</a>
GT-41132-6024-T3A	24 V	2.7	64.80	<a href="#">RFQ</a>

## 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 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% to 50% step load
07. Turn-ON Delay: 1 Second Typical
08. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
09. Inrush Current: 30/60A maximum cold start @ 115/230 Vac input
10. Switching Frequency: 65 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: 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 Ohm

### 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
06. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

### E) ENCLOSURE

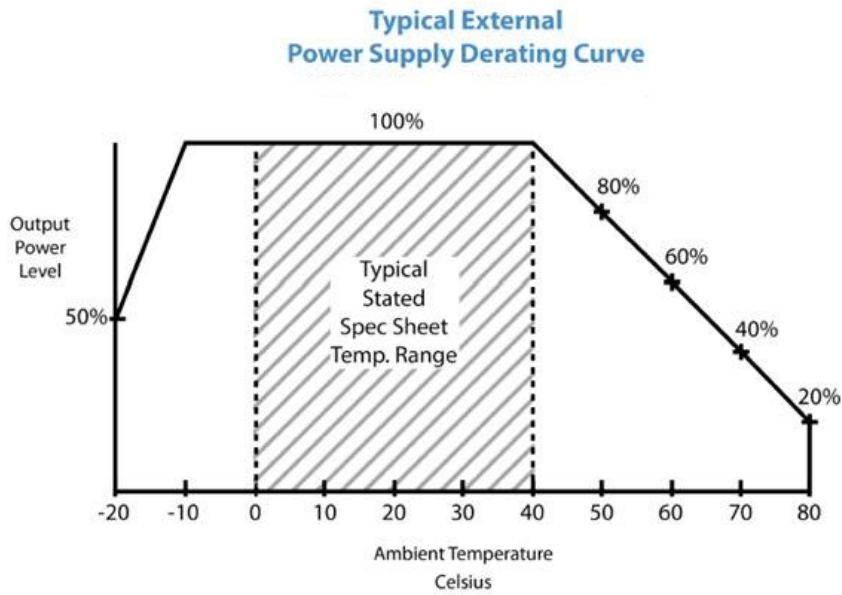
01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 114\*47\*32.4 +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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## DERATING CURVE



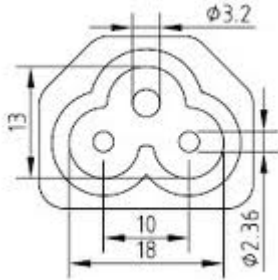
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**INPUT CONFIGURATION**

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)
<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="#">2194262M0712(R)</a>	Argentina (Type I)	IRAM 2073	IEC320/C5	2050	6.7
<a href="#">2064262M0712(R)</a>	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C5	2000	6.6
<a href="#">204B4262M0712(R)</a>	Brazil (Type N)	BRAZIL	IEC 320/C5	2000	6.6
<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	6.6
<a href="#">2313K3432M0712(R)</a>	Korea (Type F)	KS C 8305	IEC 320/C5	2000	6.6
<a href="#">205IN4262M0712(R)</a>	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC320/C5	2000	6.6
<a href="#">377C4262M0712(R)</a>	Israel (Type H)	ISL	IEC320/C5	2050	6.7
<a href="#">23024262M0712(R)</a>	Italy (Type L)	CEI 23-16/VII	IEC 320/C5	2000	6.6
<a href="#">3003316F0712(R)</a>	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C5	1830	6
	Japan / USA	JIS 8303 / 3 PINS +			

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<a href="#">3021066F0712ULPSE(R)</a>	(Type B)	NEMA 5-15P	IEC 320/C5 1830	6
<a href="#">2054262M0712(R)</a>	S. Africa (Type D)	South Africa SABS164-1 (6A type plug)	IEC320/C5 2050	6.7
<a href="#">2084262M0712(R)</a>	S.Africa (Type M)	South Africa SABS164-1 (16A type plug)	IEC 320/C5 2000	6.6
<a href="#">23214262M0712(R)</a>	Switzerland (Type J)	SEV 1011 ( EL 203)	IEC 320/C5 2000	6.6
<a href="#">3003316F0712(R)</a>	Taiwan (Type B)	BSMI	IEC 320/C5 2000	6.6
<a href="#">6104262M0712(R)</a>	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C5 2000	6.6



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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	CB Amendment + 45°C at 40 Watts
No Logo Applicable	CB report to IEC 60950-1(ed.2);am1;am2
	CCC to GB4943.1-2011; GB/T9254-2008 GB17625.1-2012, Tropical <2000
No Logo	CE/LVD + 45°C at 40 Watts
	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>
 адаптер питания	CU Kazakhstan Certificate
	Certification # TC RU AR46.B.59626 Custom Union of Russia, Belarus and Kazakhstan
	Indoor Use Only - Mark is on the label or Molded in the case
 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: <a href="http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/">http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/</a>
	JAPAN TUV R-PSE, Cert. No. JD 50313287, to J60950-1(H26) ,

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 GlobTek, Inc.	J55022(H22),J3000(H25)[DC15?30V]. Please reference the following website for guidelines on PSE regulations: <a href="http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/">http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/</a>
 직류전원장치 AC/DC ADAPTER KTC HU10499-15020A MSIP-REM-GSZ-GT-41132-6024 전기용품안전관리법에 의한 표시 모델명:GT-41132-6024-T3 Mfr. Name: GLOBTEK (SUZHOU) CO.,LTD A/S Center:10-6221-6100	HU10499-15020A GT-41132-6024-T3A (19V, 20V, 24V only)
 직류전원장치 AC/DC ADAPTER KTC HU10173-11028A 최저소비효율기준 만족 제품 모델명:GT-41132-6012-T3 Mfr. Name: GLOBTEK (SUZHOU) CO.,LTD A/S Center: 10-6221-6100	HU10499-16031A GT-41132-6012-T3A (12V 15V only)
<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 60950
 Apparatet må tilkoples jordet stikkontakt	NEMKO IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013
 EEV1191	Natural Resources Canada (NRCAN): CSA Standard C381.1-08, QSP NRCAN EEV1191; <a href="http://shop.csa.ca/en/canada/energy-efficiency/canca-c3811-08/inv/27024802008">http://shop.csa.ca/en/canada/energy-efficiency/canca-c3811-08/inv/27024802008</a>
 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: <a href="http://en.globtek.com/importing-to-japan.php">http://en.globtek.com/importing-to-japan.php</a> .
 <b>SAA120378EA</b>	Australia and New Zealand Regulatory Compliance, Mark ( <a href="http://rcm.standards.org.au/rcmfaq/rcmfaq.htm">http://rcm.standards.org.au/rcmfaq/rcmfaq.htm</a>
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>

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No Logo	South Africa approval to CISPR 22 Class B CISPR 24 IEC 61000-3-2 IEC 61000-3-3
 FONTE DE ALIMENTAÇÃO DE ITE	TUV (Brazil) to IEC 60950-1:2005 (12-24 Volts)
 10276	Ukraine UKRSepr (Document: <a href="http://www.globtek.com/html/iso_certificates/GT_Ukraine.pdf">www.globtek.com/html/iso_certificates/GT_Ukraine.pdf</a> )
 LISTED 4MU8 E341351	UL cULus LISTED 4MU8 E341351
	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