

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

Model:GT-41062-WVVV-T2

May 25, 2019

## GT-41062-WVVV-T2

### Information

Model Number GT-41062-WVVV-T2

Description GT-41062-WVVV-T2, ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8"), Output Rating: 18 Watts, Power rating with convection cooling (W) , 5-24V in 0.1V increments, Approvals: C-Tick; CB 60950; CE; China RoHS; Double Insulation; cUL 60950; GOST-R; IP40; Level IV; Level V; LPS; NrCAN; PSE; RoHS; SIQ; Ukraine; VCCI; WEEE; PSE; PSE; PSE; IRAM;

Model Picture



Agency Documents <http://www.globtek.info/certs/GT-41062-T2-T3-T3A/>  
CE [https://www.globtek.com/pdf/ec\\_declaration/a0Oa000000BzyEIEAZ](https://www.globtek.com/pdf/ec_declaration/a0Oa000000BzyEIEAZ)  
EC-Declaration  
RoHS/RoHS2 Declaration [https://www.globtek.com/pdf/rohs\\_cert/a0Oa000000BzyEIEAZ](https://www.globtek.com/pdf/rohs_cert/a0Oa000000BzyEIEAZ)  
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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May 25, 2019

**Model Parameters**

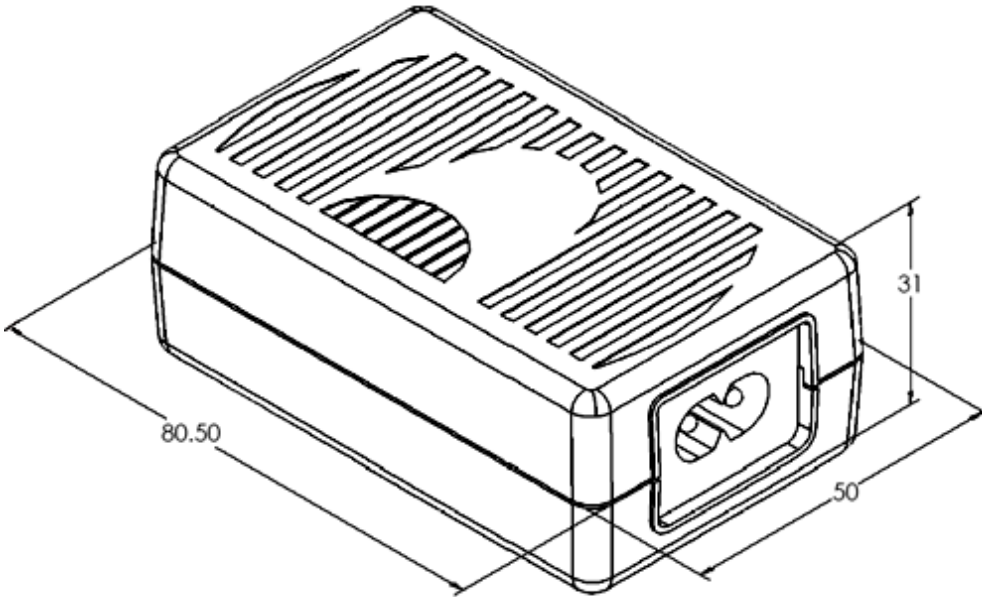
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.6 A
Wattage (W)	18.0
Vout Range (V)	5-24
Efficiency Level	IV
Ingress Protection	
Size (mm)	84.0* 56.0*37.9

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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-41062-1805-T25 V	3.6		18.00	<a href="#">RFQ</a>
GT-41062-1806-T26 V	3		18.00	<a href="#">RFQ</a>
GT-41062-1807-T27 V	2.57		17.99	<a href="#">RFQ</a>
GT-41062-1809-T29 V	2		18.00	<a href="#">RFQ</a>
GT-41062-1812-T212 V	1.5		18.00	<a href="#">RFQ</a>
GT-41062-1815-T215 V	1.2		18.00	<a href="#">RFQ</a>
GT-41062-1818-T218 V	1		18.00	<a href="#">RFQ</a>
GT-41062-1820-T220 V	0.9		18.00	<a href="#">RFQ</a>
GT-41062-1824-T224 V	0.75		18.00	<a href="#">RFQ</a>

## SPECIFICATIONS

### A) ELECTRICAL SPECIFICATIONS:

1. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
2. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
4. Output Power (Rated): 18Watts max
5. Output Regulation: +/- 5% measured at the output connector
6. Line Voltage Regulation: +/- 1% typical measures at full load
7. 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 output connector at nominal line
8. Turn-On/Turn-Off Overshoot: 5% maximum, 500 uS typical recovery time for 25% step load
9. Turn-On Delay: 3000 mSec typical
10. Hold-Up Time: 10 mS typical @ nominal input voltage & full load
11. Inrush Current: 30A typical @ 115Vac input ; 60A typical @ 230Vac input
12. Switching Frequency: 66 KHz typical

### B) PROTECTION

1. Over-Voltage: Protected via zener diode across the output
2. Short Circuit: Electronically Protected, unit will recover upon removal of fault
3. Input Protection: Input line fusing

### C) SAFETY

1. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
2. Earth Leakage Current: <0.25 mA @ 240Vac input voltage
3. Touch Current: <0.25mA @ 240Vac input voltage

### D) OTHER:

1. MTBF: 200,000 hours @ 25°C ambient temperature
2. Operating Temperature: 0°C to 40°C ambient temperature
3. Humidity: 0% to 90% relative humidity
4. Storage Temperature: -10°C to 80°C
5. ROHS 2: Complies with EU 2011/65/EC & CHINA SJ/T 11363-2006

### E) ENCLOSURE

1. Upper Housing: High impact plastic, 94V0 polycarbonate, non-vented
2. Lower Housing: High impact plastic, 94V0 polycarbonate, non-vented
3. Size: 80.5\* 50.0\*31.0 mm +/-1.0

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May 25, 2019

DERATING CURVE

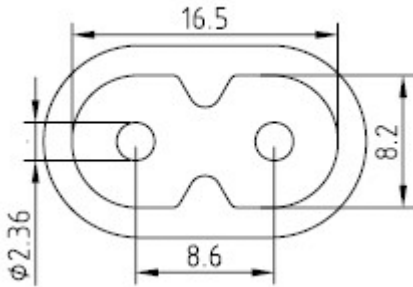
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May 25, 2019

**Input Configuration**

Description IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8")



Mates with IEC 60320/C7 Plug

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

Standard International IEC 320/C7 Cordsets

<a href="#">2094112M703(R)</a> Argentina (Type I)	IRAM 2063	IEC 320/C7	20007
<a href="#">5014112M703A(R)</a> Australian (Type I)	AS 3112	IEC 320/C7	20007
<a href="#">207B4111M8703(R)</a> Brazil (Type N)	NBR14136	IEC 320/C7	18006
<a href="#">4533501M8703(R)</a> China (Type A)	GB 2099.1	IEC 320/C7	18306
<a href="#">2074112M703A(R)</a> European (Type C)	CEE 7/16	IEC 320/C7	20007
<a href="#">2084111M8703(R)</a> India (Type M)	BS 546	IEC 320/C7	18006
<a href="#">451J3401M8703(R)</a> Japan (Type A)	JIS 8303	IEC 320/C7	18306
<a href="#">2044112M703A(R)</a> Korea (Type C)	KS C8305	IEC 320/C7	20007
<a href="#">4511116F703A(R)</a> N. American (Type A)	NEMA 1-15P	IEC 320/C7	18306
<a href="#">4033401M8703A(R)</a> Taiwan (Type A)	CNS690	IEC 320/C7	18306
<a href="#">6104112M703A(R)</a> UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7	20007

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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.







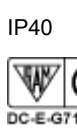





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## Approvals

Logo	Description
 <b>Pour matériel de informatique technologique. N4292 SAA111044EA</b>	C-Tick GT-41062 N4292 SAA111044EA
No Logo	CB Certificate IEC 60950-1:2005 (2nd Edition), Am 1: 2009, CB report IEC 60950-1:2005 (2nd Edition), Am 1: 2009 and EN 60950-1:2006 + Am 1:2010 + Am 11:2009 + Am 12:2011
	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>
 LISTED 4MU8 E170507	UL60950-1, cULus to UL 60950-1, 1st Edition, 2007-10-31 and CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07
	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.
 IP40	Indoor Use Only - Mark is on the label or Molded in the case  Ingress Protection: ?IP40 to IEC60529:2001 Protection against granular foreign bodies
 DC-E-G71-001.1	IRAM certificate DC-E-G71-001.1 to IEC 60950 + A1:2009
 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50313285, 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>
 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50314327, 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>
 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50314327, to J60950-1(H26) , 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>
<b>EFFICIENCY LEVEL IV</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)  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)... NOTE: 24V & 1830 mm 18 - 20awg o/p cord

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**EFFICIENCY LEVEL** 

only

LPS



Limited Power Source

Natural Resources Canada (NRCAN): CSA Standard C381.1-08, QSP NRCAN EEV1191;  
<http://shop.csa.ca/en/canada/energy-efficiency/cansca-c3811-08/inv/27024802008>



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>.

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>

IEC/EN60950-1



10276



SIQ Mark License Certificate EN 60950-1:2006 + Am 1:2010+ Am 11:2009 + Am  
12:2011

Ukraine UKRSepr (Document: [www.globtek.com/html/iso\\_certificates/GT\\_Ukraine.pdf](http://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](http://ec.europa.eu/environment/waste/wEEE/index_en.htm))

Mark is on the label or Molded in the case