

Model:GT-41062-WWVV-T3A

May 11, 2024

GT-41062-WWVV-T3A

Information

Model Number

GT-41062-WWVV-T3A

Description

GT-41062-WWVV-T3A, ICT/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: 18 Watts, Power rating with convection cooling (W) , 5-24V in 0.1V increments, Approvals: UKCA; CB 62368 (pending); C-Tick; CB 60950; CCC; CE; China RoHS; Class I; cULus; GOST-R; IP40; WEEE; VCCI; Ukraine; LPS 60950; Level IV; NrCAN; RoHS; PSE; SIQ; Level V (24-48 Volts only); IRAM; PSE; PSE;

Model Picture



Agency Documents

<http://www.globtek.info/certs/GT-41062-T2-T3-T3A/>

CE EC-Declaration

https://www.globtek.com/pdf/ec_declaration/a00a000000BzyEDEAZ

RoHS/RoHS2 Declaration

https://www.globtek.com/pdf/rohs_cert/a00a000000BzyEDEAZ

REACH Declaration

https://www.globtek.com/pdf/iso_certificates/REACH.pdf

Conflict Minerals Declaration

<https://www.globtek.com/pdf/conflict-minerals.pdf>

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

Model:GT-41062-WWVV-T3A

May 11, 2024

MODEL PARAMETERS

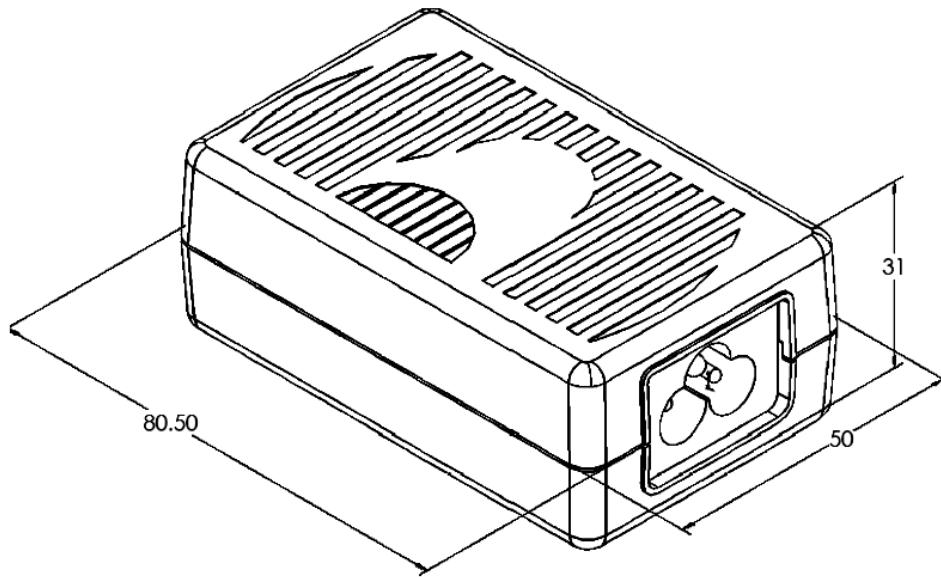
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.6 A
Wattage (W)	18.0
Vout Range (V)	5-24
Efficiency Level	IV
Ingress Protection	
Size (mm)	74*44*34

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

Model:GT-41062-WWVV-T3A

May 11, 2024

ENCLOSURE



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

Model:GT-41062-WWVV-T3A

May 11, 2024

RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41062-1805-T3A	5 V	3.6	18.00	RFQ
GT-41062-1806-T3A	6 V	3	18.00	RFQ
GT-41062-1807-T3A	7 V	2.57	17.99	RFQ
GT-41062-1809-T3A	9 V	2	18.00	RFQ
GT-41062-1812-T3A	12 V	1.5	18.00	RFQ
GT-41062-1815-T3A	15 V	1.2	18.00	RFQ
GT-41062-1818-T3A	18 V	1	18.00	RFQ
GT-41062-1820-T3A	20 V	0.9	18.00	RFQ
GT-41062-1824-T3A	24 V	0.75	18.00	RFQ

Model:GT-41062-WWVV-T3A

May 11, 2024

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
3. Output Power (Rated): 18Watts max
4. Output Regulation: +/- 5% measured at the output connector
5. Line Voltage Regulation: +/- 1% typical measures at full load
6. 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
7. Turn-On/Turn-Off Overshoot: 5% maximum, 1mS typical recovery time for 25% step load
8. Turn-On Delay: 1 second typical
09. Hold-Up Time: 8mS typical @ nominal input voltage & full load
10. Inrush Current: 30A typical @ 115Vac input ; 60A typical @ 230Vac input
11. Switching Frequency: 65 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. Touch Current: <0.25mA @ 240Vac input voltage
3. Earth Leakage Current: <3.5mA @ 240Vac input voltage
4. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006
4. Earth continuity test:<0.1 Ohm or < 0.2 Ohm when with a non-detachable Power Supply cord, Class I Only

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

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

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

Model:GT-41062-WWVV-T3A

May 11, 2024

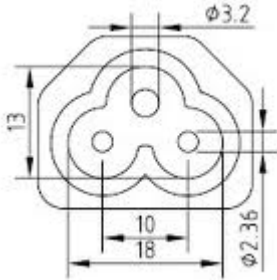
DERATING CURVE

Model:GT-41062-WWVV-T3A

May 11, 2024

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	
2194262M0712(R)	Argentina (Type I)	IRAM 2073	IEC320/C5 2050	6.7	
2064262M0712(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C5 2000	6.6	
204B4262M0712(R)	Brazil (Type N)	BRAZIL	IEC 320/C5 2000	6.6	
6023592M5712(R)	China (Type I)	CCC GR2099	IEC 320/C5 2500	8	
23144262M0712(R)	Europe (Type E)	CEE 7/7	IEC 320/C5 2050	6.6	
2313K3432M0712(R)	Korea (Type F)	KS C 8305	IEC 320/C5 2000	6.6	
205IN4262M0712(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC320/C5 2000	6.6	
377C4262M0712(R)	Israel (Type H)	ISL	IEC320/C5 2050	6.7	
23024262M0712(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C5 2000	6.6	
3003316F0712(R)	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C5 1830	6	
	Japan / USA	JIS 8303 / 3 PINS +			

PROPRIETARY INFORMATION

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

<https://www.globtek.com/ds/MX5hfi4csEr/43d87kfAx2S.html>

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

Model:GT-41062-WWVV-T3A

May 11, 2024

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

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

Model:GT-41062-WWVV-T3A

May 11, 2024

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.

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

Model:GT-41062-WWVV-T3A

May 11, 2024

Approvals

Logo	Description
 Pour matériel de informatique technologique. N4292 SAA111044EA	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 11:2017
No Logo Applicable	CB for IEC 62368-1:2014 (Second Edition) + A11:2017
	CCC to GB4943.1-2011; GB/T9254-2008 GB17625.1-2012, Tropical <2000
	CE Mark: tested to comply with EN55022:2006/A1:2007 Class B, EN610003-2 including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-7, EN61000-4-8, EN61000-4-9, EN61000-4-10, EN61000-4-11, EN61000-4-12, EN61000-4-13, EN61000-4-14, EN61000-4-15, EN61000-4-16, EN61000-4-17, EN61000-4-18, EN61000-4-19, EN61000-4-20, EN61000-4-21, EN61000-4-22, EN61000-4-23, EN61000-4-24, EN61000-4-25, EN61000-4-26, EN61000-4-27, EN61000-4-28, EN61000-4-29, EN61000-4-30, EN61000-4-31, EN61000-4-32, EN61000-4-33, EN61000-4-34, EN61000-4-35, EN61000-4-36, EN61000-4-37, EN61000-4-38, EN61000-4-39, EN61000-4-40, EN61000-4-41, EN61000-4-42, EN61000-4-43, EN61000-4-44, EN61000-4-45, EN61000-4-46, EN61000-4-47, EN61000-4-48, EN61000-4-49, EN61000-4-50, EN61000-4-51, EN61000-4-52, EN61000-4-53, EN61000-4-54, EN61000-4-55, EN61000-4-56, EN61000-4-57, EN61000-4-58, EN61000-4-59, EN61000-4-60, EN61000-4-61, EN61000-4-62, EN61000-4-63, EN61000-4-64, EN61000-4-65, EN61000-4-66, EN61000-4-67, EN61000-4-68, EN61000-4-69, EN61000-4-70, EN61000-4-71, EN61000-4-72, EN61000-4-73, EN61000-4-74, EN61000-4-75, EN61000-4-76, EN61000-4-77, EN61000-4-78, EN61000-4-79, EN61000-4-80, EN61000-4-81, EN61000-4-82, EN61000-4-83, EN61000-4-84, EN61000-4-85, EN61000-4-86, EN61000-4-87, EN61000-4-88, EN61000-4-89, EN61000-4-90, EN61000-4-91, EN61000-4-92, EN61000-4-93, EN61000-4-94, EN61000-4-95, EN61000-4-96, EN61000-4-97, EN61000-4-98, EN61000-4-99, EN61000-5-1, EN61000-5-2, EN61000-5-3, EN61000-5-4, EN61000-5-5, EN61000-5-6, EN61000-5-7, EN61000-5-8, EN61000-5-9, EN61000-5-10, EN61000-5-11, EN61000-5-12, EN61000-5-13, EN61000-5-14, EN61000-5-15, EN61000-5-16, EN61000-5-17, EN61000-5-18, EN61000-5-19, EN61000-5-20, EN61000-5-21, EN61000-5-22, EN61000-5-23, EN61000-5-24, EN61000-5-25, EN61000-5-26, EN61000-5-27, EN61000-5-28, EN61000-5-29, EN61000-5-30, EN61000-5-31, EN61000-5-32, EN61000-5-33, EN61000-5-34, EN61000-5-35, EN61000-5-36, EN61000-5-37, EN61000-5-38, EN61000-5-39, EN61000-5-40, EN61000-5-41, EN61000-5-42, EN61000-5-43, EN61000-5-44, EN61000-5-45, EN61000-5-46, EN61000-5-47, EN61000-5-48, EN61000-5-49, EN61000-5-50, EN61000-5-51, EN61000-5-52, EN61000-5-53, EN61000-5-54, EN61000-5-55, EN61000-5-56, EN61000-5-57, EN61000-5-58, EN61000-5-59, EN61000-5-60, EN61000-5-61, EN61000-5-62, EN61000-5-63, EN61000-5-64, EN61000-5-65, EN61000-5-66, EN61000-5-67, EN61000-5-68, EN61000-5-69, EN61000-5-70, EN61000-5-71, EN61000-5-72, EN61000-5-73, EN61000-5-74, EN61000-5-75, EN61000-5-76, EN61000-5-77, EN61000-5-78, EN61000-5-79, EN61000-5-80, EN61000-5-81, EN61000-5-82, EN61000-5-83, EN61000-5-84, EN61000-5-85, EN61000-5-86, EN61000-5-87, EN61000-5-88, EN61000-5-89, EN61000-5-90, EN61000-5-91, EN61000-5-92, EN61000-5-93, EN61000-5-94, EN61000-5-95, EN61000-5-96, EN61000-5-97, EN61000-5-98, EN61000-5-99, EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN61000-6-5, EN61000-6-6, EN61000-6-7, EN61000-6-8, EN61000-6-9, EN61000-6-10, EN61000-6-11, EN61000-6-12, EN61000-6-13, EN61000-6-14, EN61000-6-15, EN61000-6-16, EN61000-6-17, EN61000-6-18, EN61000-6-19, EN61000-6-20, EN61000-6-21, EN61000-6-22, EN61000-6-23, EN61000-6-24, EN61000-6-25, EN61000-6-26, EN61000-6-27, EN61000-6-28, EN61000-6-29, EN61000-6-30, EN61000-6-31, EN61000-6-32, EN61000-6-33, EN61000-6-34, EN61000-6-35, EN61000-6-36, EN61000-6-37, EN61000-6-38, EN61000-6-39, EN61000-6-40, EN61000-6-41, EN61000-6-42, EN61000-6-43, EN61000-6-44, EN61000-6-45, EN61000-6-46, EN61000-6-47, EN61000-6-48, EN61000-6-49, EN61000-6-50, EN61000-6-51, EN61000-6-52, EN61000-6-53, EN61000-6-54, EN61000-6-55, EN61000-6-56, EN61000-6-57, EN61000-6-58, EN61000-6-59, EN61000-6-60, EN61000-6-61, EN61000-6-62, EN61000-6-63, EN61000-6-64, EN61000-6-65, EN61000-6-66, EN61000-6-67, EN61000-6-68, EN61000-6-69, EN61000-6-70, EN61000-6-71, EN61000-6-72, EN61000-6-73, EN61000-6-74, EN61000-6-75, EN61000-6-76, EN61000-6-77, EN61000-6-78, EN61000-6-79, EN61000-6-80, EN61000-6-81, EN61000-6-82, EN61000-6-83, EN61000-6-84, EN61000-6-85, EN61000-6-86, EN61000-6-87, EN61000-6-88, EN61000-6-89, EN61000-6-90, EN61000-6-91, EN61000-6-92, EN61000-6-93, EN61000-6-94, EN61000-6-95, EN61000-6-96, EN61000-6-97, EN61000-6-98, EN61000-6-99, EN61000-7-1, EN61000-7-2, EN61000-7-3, EN61000-7-4, EN61000-7-5, EN61000-7-6, EN61000-7-7, EN61000-7-8, EN61000-7-9, EN61000-7-10, EN61000

PROPRIETARY INFORMATION

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

Page 10 of 12

<https://www.globtek.com/ds/MX5hfi4csEr/43d87kfAx2S.html>

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

Model:GT-41062-WWVV-T3A

May 11, 2024

 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50471561.pdf, to J62368-1(H30) , J55032(H30),[15V?30V]. Please reference the following website for PSE regulations: https://www.globtek.com/r2/Szj4Vb
 GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50471561, to J62368-1(H30) , J55032(H29 less]. Please reference the following website for PSE regulations: https://www
EFFICIENCY LEVEL 	Efficiency: complies to section 301 of Energy Independence and Security Act Energy Star tier 2 (North America), ECP tier 2 (China), MEPS tier 2 (Australia) (Europe)
EFFICIENCY LEVEL 	Efficiency: complies to section 301 of Energy Independence and Security Act Energy Star tier 2 (North America), ECP tier 2 (China), MEPS tier 2 (Australia) (Europe)... NOTE: 24V & 1830 mm 18 - 20awg o/p cord only
LPS	Limited Power Source 60950
 EEV1191	Natural Resources Canada (NRCAN): CSA Standard C381.1-08, QSP NRCAN http://shop.csa.ca/en/canada/energy-efficiency/canicsa-c3811-08/inv/2702480
 GlobTek, Inc.	JAPAN TUV Rheinland-PSE GlobTek Inc to J60950-1(H26) , J55022(H22),J3 the procedure listed in the following link for proper import to Japan: https://www.globtek.com/r2/Szj4Vb
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2 http://www.ce-mark.com/Rohs%20final.pdf
 IEC/EN60950-1	SIQ Mark License Certificate EN 60950-1:2006 + Am 1:2010+ Am 11:2009 +
	UKCA Certification
 10276	Ukraine UKRSepr (Document: www.globtek.com/html/iso_certificates/GT_Uk)

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

Model:GT-41062-WWVV-T3A

May 11, 2024

	Japan: Voluntary Control Council for Interference (VCCI)
	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste) Mark is on the label or Molded in the case