

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

Model:GT-41062-WWVV-T2

May 4, 2024

GT-41062-WWVV-T2

Information

Model Number	GT-41062-WWVV-T2
Description	GT-41062-WWVV-T2, ICT/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 (24-48 Volts only); LPS 60950; NrCAN; PSE; RoHS; SIQ; Ukraine; VCCI; WEEE; PSE; PSE; CB 62368 (pending); IRAM;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GT-41062-T2-T3-T3A/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000BzyEIEAZ
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000BzyEIEAZ
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

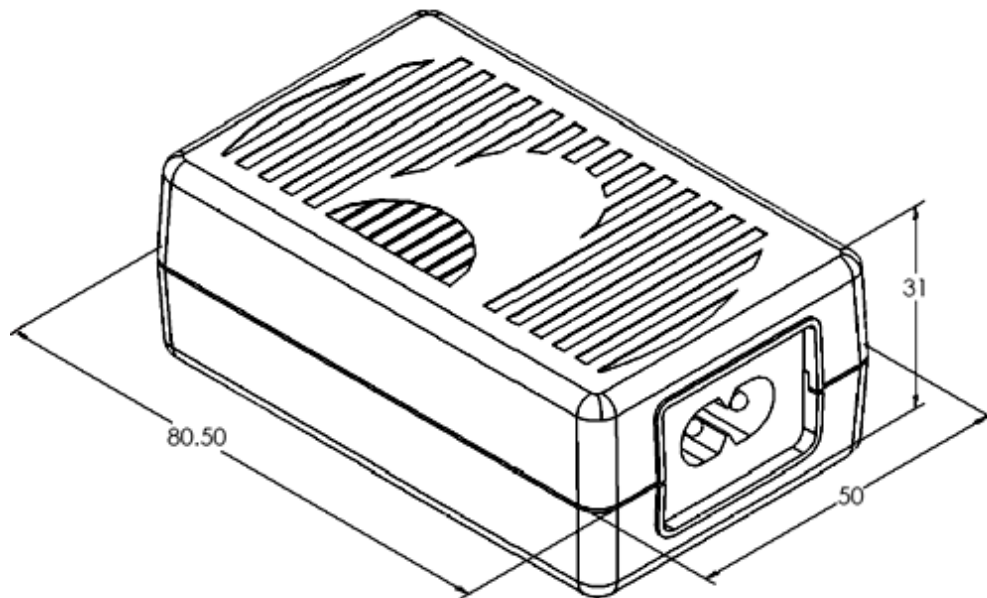
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.6 A
Wattage (W)	18.0
Vout Range (V)	5-24
Efficiency Level	IV
Ingress Protection	
Size (mm)	84.0* 56.0*37.9

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ENCLOSURE



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41062-1805-T2	5 V	3.6	18.00	RFQ
GT-41062-1806-T2	6 V	3	18.00	RFQ
GT-41062-1807-T2	7 V	2.57	17.99	RFQ
GT-41062-1809-T2	9 V	2	18.00	RFQ
GT-41062-1812-T2	12 V	1.5	18.00	RFQ
GT-41062-1815-T2	15 V	1.2	18.00	RFQ
GT-41062-1818-T2	18 V	1	18.00	RFQ
GT-41062-1820-T2	20 V	0.9	18.00	RFQ
GT-41062-1824-T2	24 V	0.75	18.00	RFQ

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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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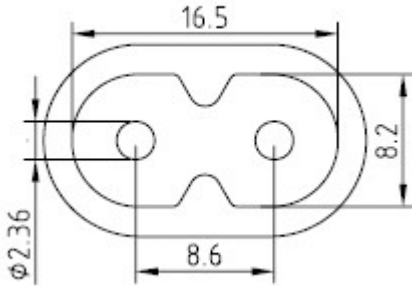
DERATING CURVE

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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

Part Number	Type	Standard	Connector	Length (mm)	Length (feet)
2094112M703(R)	Argentina (Type I)	IRAM 2063	IEC 320/C7	2000	7
5014112M703A(R)	Australian (Type I)	AS 3112	IEC 320/C7	2000	7
207B4111M8703(R)	Brazil (Type N)	NBR14136	IEC 320/C7	1800	6
4533501M8703(R)	China (Type A)	GB 2099.1	IEC 320/C7	1830	6
2074112M703A(R)	European (Type C)	CEE 7/16	IEC 320/C7	2000	7
2074112M703AEUSA(R)	European/South Africa Combo(Type C)	CEE 7/16	IEC 320/C7	2000	7
2084111M8703B(R)	India (Type D)	IS 1293	IEC 320/C7	1800	6
451J3401M8703(R)	Japan (Type A)	JIS 8303	IEC 320/C7	1830	6
2044112M703A(R)	Korea (Type C)	KS C8305	IEC 320/C7	2000	7
4511116F703A(R)	North America (Type A)	NEMA 1-15P	IEC 320/C7	1830	6
2084111M8703(R)	South Africa (Type M)	BS 546	IEC320/C7	1830	6
4033401M8703A(R)	Taiwan (Type A)	CNS690	IEC 320/C7	1830	6
6104112M703A(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7	2000	7

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451G1116F703A(R)	Gulf States (Kuwait, Bahrain, Oman, Qatar, Saudi Arabia, Yemen and the United Arab Emirates (UAE)(Type A)	Nema 1-15P	IEC320/C7	1830	6
6303742M5703(R)	Thailand (Type C)	TIS 166-2549	IEC320/C7	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
 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 11:2010
No Logo Applicable	CB for IEC 62368-1:2014 (Second Edition) + A11:2017
	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, EN61000-4-100, EN61000-4-101, EN61000-4-102, EN61000-4-103, EN61000-4-104, EN61000-4-105, EN61000-4-106, EN61000-4-107, EN61000-4-108, EN61000-4-109, EN61000-4-110, EN61000-4-111, EN61000-4-112, EN61000-4-113, EN61000-4-114, EN61000-4-115, EN61000-4-116, EN61000-4-117, EN61000-4-118, EN61000-4-119, EN61000-4-120, EN61000-4-121, EN61000-4-122, EN61000-4-123, EN61000-4-124, EN61000-4-125, EN61000-4-126, EN61000-4-127, EN61000-4-128, EN61000-4-129, EN61000-4-130, EN61000-4-131, EN61000-4-132, EN61000-4-133, EN61000-4-134, EN61000-4-135, EN61000-4-136, EN61000-4-137, EN61000-4-138, EN61000-4-139, EN61000-4-140, EN61000-4-141, EN61000-4-142, EN61000-4-143, EN61000-4-144, EN61000-4-145, EN61000-4-146, EN61000-4-147, EN61000-4-148, EN61000-4-149, EN61000-4-150, EN61000-4-151, EN61000-4-152, EN61000-4-153, EN61000-4-154, EN61000-4-155, EN61000-4-156, EN61000-4-157, EN61000-4-158, EN61000-4-159, EN61000-4-160, EN61000-4-161, EN61000-4-162, EN61000-4-163, EN61000-4-164, EN61000-4-165, EN61000-4-166, EN61000-4-167, EN61000-4-168, EN61000-4-169, EN61000-4-170, EN61000-4-171, EN61000-4-172, EN61000-4-173, EN61000-4-174, EN61000-4-175, EN61000-4-176, EN61000-4-177, EN61000-4-178, EN61000-4-179, EN61000-4-180, EN61000-4-181, EN61000-4-182, EN61000-4-183, EN61000-4-184, EN61000-4-185, EN61000-4-186, EN61000-4-187, EN61000-4-188, EN61000-4-189, EN61000-4-190, EN61000-4-191, EN61000-4-192, EN61000-4-193, EN61000-4-194, EN61000-4-195, EN61000-4-196, EN61000-4-197, EN61000-4-198, EN61000-4-199, EN61000-4-200, EN61000-4-201, EN61000-4-202, EN61000-4-203, EN61000-4-204, EN61000-4-205, EN61000-4-206, EN61000-4-207, EN61000-4-208, EN61000-4-209, EN61000-4-210, EN61000-4-211, EN61000-4-212, EN61000-4-213, EN61000-4-214, EN61000-4-215, EN61000-4-216, EN61000-4-217, EN61000-4-218, EN61000-4-219, EN61000-4-220, EN61000-4-221, EN61000-4-222, EN61000-4-223, EN61000-4-224, EN61000-4-225, EN61000-4-226, EN61000-4-227, EN61000-4-228, EN61000-4-229, EN61000-4-230, EN61000-4-231, EN61000-4-232, EN61000-4-233, EN61000-4-234, EN61000-4-235, EN61000-4-236, EN61000-4-237, EN61000-4-238, EN61000-4-239, EN61000-4-240, EN61000-4-241, EN61000-4-242, EN61000-4-243, EN61000-4-244, EN61000-4-245, EN61000-4-246, EN61000-4-247, EN61000-4-248, EN61000-4-249, EN61000-4-250, EN61000-4-251, EN61000-4-252, EN61000-4-253, EN61000-4-254, EN61000-4-255, EN61000-4-256, EN61000-4-257, EN61000-4-258, EN61000-4-259, EN61000-4-260, EN61000-4-261, EN61000-4-262, EN61000-4-263, EN61000-4-264, EN61000-4-265, EN61000-4-266, EN61000-4-267, EN61000-4-268, EN61000-4-269, EN61000-4-270, EN61000-4-271, EN61000-4-272, EN61000-4-273, EN61000-4-274, EN61000-4-275, EN61000-4-276, EN61000-4-277, EN61000-4-278, EN61000-4-279, EN61000-4-280, EN61000-4-281, EN61000-4-282, EN61000-4-283, EN61000-4-284, EN61000-4-285, EN61000-4-286, EN61000-4-287, EN61000-4-288, EN61000-4-289, EN61000-4-290, EN61000-4-291, EN61000-4-292, EN61000-4-293, EN61000-4-294, EN61000-4-295, EN61000-4-296, EN6

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 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 +
 10276	Ukraine UKRSepr (Document: www.globtek.com/html/iso_certificates/GT_UK
	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