

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

Model:GT-41082-WWVV-T3

June 24, 2019

## GT-41082-WWVV-T3

### Information

Model Number GT-41082-WWVV-T3

Description GT-41082-WWVV-T3, ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground, Output Rating: 18 Watts, Power rating with convection cooling (W) , 5-15V in 0.1V increments, Approvals: CE; NrCAN; NEMKO 60950; China RoHS; WEEE; CCC; VCCI; LPS; Class I; Level V; RoHS; GOST-R; Ukraine; PSE; C-Tick; CB 60950; Korea (12V Only); IP40; cULus;

Model Picture



Agency Documents [http://www.globtek.info/certs/GT-41082-T2-T3\(A\)/](http://www.globtek.info/certs/GT-41082-T2-T3(A)/)  
CE [https://www.globtek.com/pdf/ec\\_declaration/a0O3000007P7Z1EAK](https://www.globtek.com/pdf/ec_declaration/a0O3000007P7Z1EAK)  
EC-Declaration  
RoHS/RoHS2 Declaration [https://www.globtek.com/pdf/rohs\\_cert/a0O3000007P7Z1EAK](https://www.globtek.com/pdf/rohs_cert/a0O3000007P7Z1EAK)  
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:GT-41082-WWVV-T3

June 24, 2019

**Model Parameters**

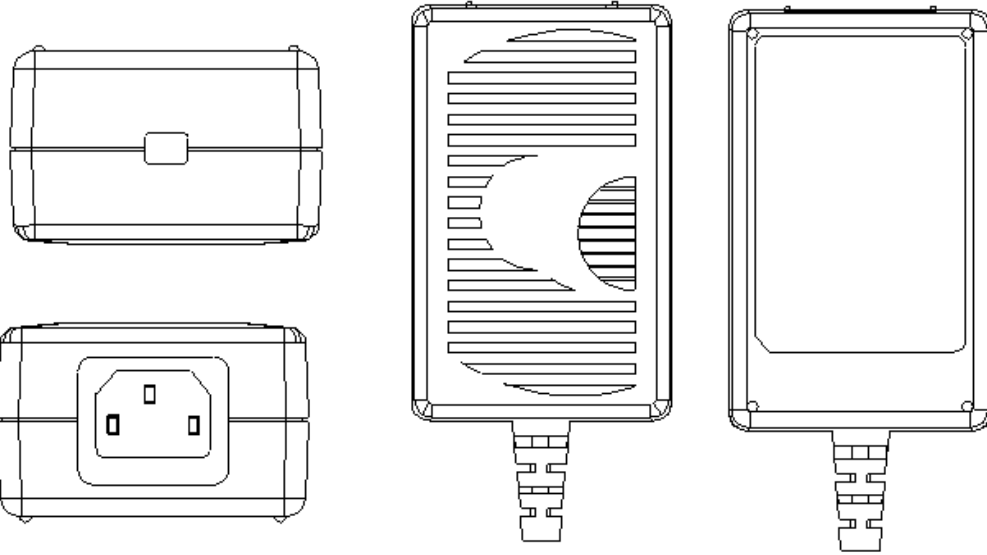
|                    |  |
|--------------------|--|
| Type               | Desktop/External                                   |
| Technology         | Regulated Switchmode AC-DC Power Supply AC Adaptor |
| Category           | ITE Power Supply                                   |
| Input Voltage      | 100-240V~, 50-60 Hz                                |
| I/P Amps (A)       | 0.5A   |
| Wattage (W)        | 18.0   |
| Vout Range (V)     | 5-15   |
| Efficiency Level   | V  |
| Ingress Protection |  |
| Size (mm)          | 50*81*31   |

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June 24, 2019

ENCLOSURE



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June 24, 2019

**RATING TABLE**

| Model Number         | Voltage | Amps(A) | Watts(W) | RFQ                 |
|----------------------|---------|---------|----------|---------------------|
| GT-41082-1505-T3     | 5 V     | 3       | 15.00    | <a href="#">RFQ</a> |
| GT-41082-1805-T3     | 5 V     | 3.6     | 18.00    | <a href="#">RFQ</a> |
| GT-41082-1806-T3     | 6 V     | 3       | 18.00    | <a href="#">RFQ</a> |
| GT-41082-1812-5.0-T3 | 7 V     | 2.57    | 17.99    | <a href="#">RFQ</a> |
| GT-41082-1812-3.0-T3 | 9 V     | 2       | 18.00    | <a href="#">RFQ</a> |
| GT-41082-1812-2.0-T3 | 10 V    | 1.8     | 18.00    | <a href="#">RFQ</a> |
| GT-41082-1812-T3     | 12 V    | 1.5     | 18.00    | <a href="#">RFQ</a> |
| GT-41082-1815-T3     | 15 V    | 1.2     | 18.00    | <a href="#">RFQ</a> |

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June 24, 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 50-60Hz
03. 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% 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: 30A Typical at 115VAC input and 60A typical at 230VAC 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. Earth continuity test: <0.1 Ohm or < 0.2 Ohm when with a non-detachable Power Supply cord, Class I Only
04. 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

### E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 50.0\*80.6\*31.1 +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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June 24, 2019

DERATING CURVE

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June 24, 2019

**Input Configuration**

Description IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground



Mates with IEC 60320/C13 Plug

Optional Locking IEC60320 Receptacle and cord option available on some models by request.:


[Standard International IEC 320/C13 Cordsets](#)

Below are standard cordsets which are "not included" (unless stated above); these can be purchased separately or packaged 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.

**Stock Power Supply Cords**

| Part Number/ Link                             | Country              | Plug  | Termination | Length (mm) | (Ft) |
|---|----------------------|---|-------------|-------------|------|
| <a href="#">3021457F701(R)</a>                | N. American (Type B) | NEMA 5-15P                                    | IEC 320/C13 | 2150        | 7    |
| <a href="#">1191068F0701(R)</a>               | N. American (Type B) | NEMA 5-15P Hospital                           | IEC 320/C13 | 2459        | 8    |
| <a href="#">2194272M5701-T(R)</a>             | Argentina (Type I)   | IRAM 2073                                     | IEC 320/C13 | 2500        | 8    |
| <a href="#">5502022M5701A(R)</a>              | Australian (Type I)  | AS3112 / 3 PRONG                              | IEC 320/C13 | 2500        | 8    |
| <a href="#">204B4272M5701(R)</a>              | Brazil (Type N)      | BRAZIL  | IEC 320/C13 | 2500        | 8    |
| <a href="#">6023602M5701(R)</a>               | China (Type I)       | CCC GR2099                                    | IEC 320/C13 | 2500        | 8    |
| <a href="#">G8014272M5701(R)</a>              | Danish (Type K)      | AFSNIT SECTION 107-2-D1                       | IEC 320/C13 | 2500        | 8    |
| <a href="#">23144272M5701-T(R)</a>            | Europe (Type E)      | CEE 7/7                                       | IEC 320/C13 | 2500        | 8    |
| <a href="#">205IN4272M5701(R)</a>             | India (Type D)       | India IS 1293 (also known as IA16A3 or BS546) | IEC 320/C13 | 2500        | 8    |
| <a href="#">208IN4272M5701(R)</a>             | India (Type M)       | India IS 1293 (also known as IA16A3 or BS546) | IEC320/C13  | 2500        | 8    |
| <a href="#">377C4272M5701(R)</a>              | Israel (Type H)      | ISL 377C                                      | IEC 320/C13 | 2500        | 8    |
| <a href="#">23024272M5701(R)</a>              | Italy (Type L)       | CEI 23-16/VII                                 | IEC 320/C13 | 2500        | 8    |
| <a href="#">3003339F701(R)</a><br>[3x1.25mm2] | Japan (Type B)       | JIS 8303 / 3 PINS                             | IEC 320/C13 | 2500        | 8    |

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Model:GT-41082-WVVV-T3

June 24, 2019

|  |  |  |             |      |   |  |
|--|--|--|-------------|------|---|--|
| <a href="#">3003068F2701-HK(R)</a><br>[3 x 2.0mm2] |  |  |             |      |   |  |
| <a href="#">302J115J6F0701J(R)</a>                 | Japan / North America (Type B – 12A)           | JIS 8303 / 3 PINS and NEMA 5-15P (PSE and UL/CUL appr) | IEC 320/C13 | 1830 | 6 |  |
| <a href="#">302J104J6F0701J(R)</a>                 | Japan / North America (Type B – 15A)           | JIS 8303 / 3 PINS and NEMA 5-15P (PSE and UL/CUL appr) | IEC 320/C13 | 1830 | 6 |  |
| <a href="#">2313K3432M5701(R)</a>                  | Korea (Type F)                                 | KS C 8305  | IEC 320/C13 | 2500 | 8 |  |
| <a href="#">5804272M5701(R)</a>                    | Russia (Type F)                                | GOST 7396  | IEC 320/C13 | 2500 | 8 |  |
| <a href="#">2084272M5701(R)</a>                    | South Africa (Type M)                          | South Africa SABS164-1 (16A type)                      | IEC 320/C13 | 2500 | 8 |  |
| <a href="#">23214272M5701(R)</a>                   | Switzerland (Type J)                           | SEV 1011   | IEC 320/C13 | 2500 | 8 |  |
| <a href="#">3003322M5701(R)</a>                    | Taiwan (Type B)                                | BSMI   | IEC 320/C13 | 2500 | 8 |  |
| <a href="#">PZ0800100-2M5BK13H(R)</a>              | UK, Hong Kong, Singapore, Gulf States (Type G) | BS 1363A   | IEC 320/C13 | 2500 | 8 |  |
| <a href="#">7055002M5701A(R)</a>                   | International                                  | IEC 320 C14-C13  | IEC 320/C13 | 2500 | 8 |  |



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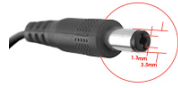
Model:GT-41082-WVVV-T3

June 24, 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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June 24, 2019

## Approvals

| Logo  | Description   |
|---|---|
|  <b>Pour matériel de informatique technologique.</b><br><b>N18647</b><br><b>WT 11116123-S-E-0</b>   | C-Tick GT-41082 N18647 WT 11116123-S-E-0  |
| 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  |
|   | 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  |
|   | 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   |
|  <p>직류전원장치 AC/DC ADAPTER<br/>KTC HU10499-13013A<br/>MSP:REM-GSZ-41082-1812-T3<br/>최저소비효율기준 인증 제품<br/>모델명:GT-41082-1812-T3<br/>Mfg Name: GLOBTEK (SUZHOU) CO.,LTD<br/>A/S Center: 10-6221-6100</p> | Korea KET KC Mark GT-41082-1812-T3&T3A HU10499-13013A (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  |
|    | NEMKO IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013   |
| Apparatet må tilkoples<br>jordat stikkontakt  | 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>  |
|   |   |
|    | 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.   | 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>  |
| RoHS  |   |

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June 24, 2019



Ukraine UKRSepro (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