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Model:GT-41078-WWVV-X.X-USB

September 19, 2019

## GT-41078-WWVV-X.X-USB

### Information

Model Number GT-41078-WWVV-X.X-USB

Description GT-41078-WWVV-X.X-USB, ITE Power Supply, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, Blade Options for Q Series Wall Plug-in Power Supplies, Output Rating: 5 Watts, Power rating with convection cooling (W) , 5V in 0.1V increments, Approvals: EAC; LPS; SIQ; Ukraine; CCC; PSE; Level VI; RoHS; FCC; China RoHS; CB 60950; cULus; South Africa; VCCI; SGS (Brazil); Taiwan BSMI; Saudi; Israel; RCM; Korea (5V TO 6V); WEEE; Double Insulation; CE; IRAM;

Model Picture



Agency Documents <http://www.globtek.info/certs/GT-41078-USB/>

CE Declaration [https://www.globtek.com/pdf/ec\\_declaration/a0O30000007P7YIEA0](https://www.globtek.com/pdf/ec_declaration/a0O30000007P7YIEA0)

RoHS/RoHS2 Declaration [https://www.globtek.com/pdf/rohs\\_cert/a0O30000007P7YIEA0](https://www.globtek.com/pdf/rohs_cert/a0O30000007P7YIEA0)

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**

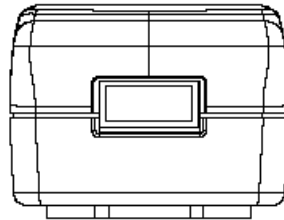
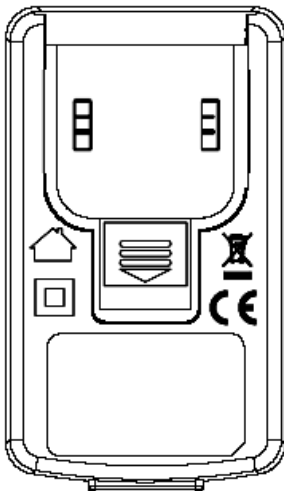
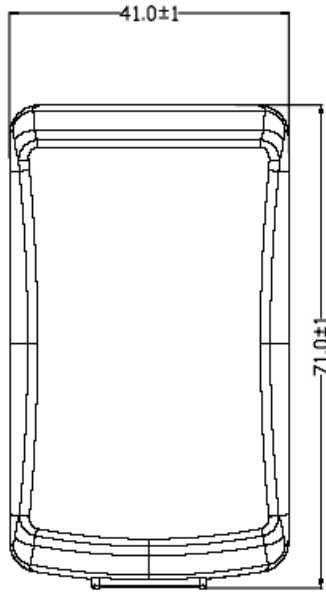
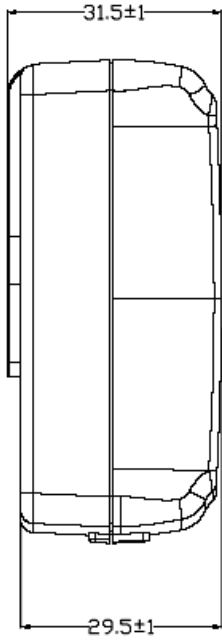
Type	Wall Plug-in
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.2A
Wattage (W)	5.0
Vout Range (V)	5
Efficiency Level	VI
Ingress Protection	
Size (mm)	71*41*31.5

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ENCLOSURE



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**RATING TABLE**

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41078-0505-USB	5 V	1	5.00	<a href="#">RFQ</a>
GT-41078-0506-0.4-USB	5.6 V	0.89	4.98	<a href="#">RFQ</a>
GT-41078-0506-USB	6 V	0.83	4.98	<a href="#">RFQ</a>

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## 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 measured at the end of a 1 meter USB cordset employing #22 Gauge conductors
04. Line Voltage Regulation: +/- 1% typical measured at the output connector measured at the end of a 1 meter USB cordset employing #22 Gauge conductors
05. Output Ripple (Vp-p): +/-1% or 100 mV whichever is greater measured at the end of a 1 meter USB cordset employing #22 Gauge conductors. 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.
06. Turn-ON Delay: 3000 mS, maximum @ full load, nominal line
07. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
08. Inrush Current: 30/60A maximum cold start @ 115/230Vac input
09. Switching Frequency: 66.5 KHz typical

### B) PROTECTION

01. Over-Voltage: Electronically Protected unit will auto recover upon removal of fault
02. Short Circuit: Electronically Protected unit will auto recover upon removal of fault
03. Input Protection: Input line fusing
04. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

### C) SAFETY

01. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
02. Touch Current: <0.25mA @ 240Vac input voltage

### 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

### E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 71 x 41 x 31.5 ± 1mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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DERATING CURVE

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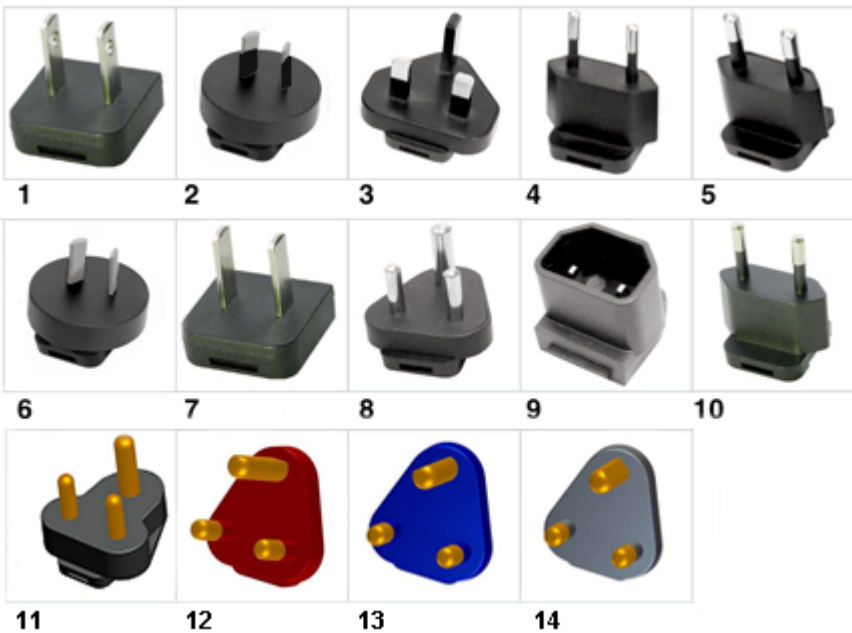
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## Input Configuration

Description Blade Options for Q Series Wall Plug-in Power Supplies

 Data Sheet: <http://en.globtek.com/interchangeable-blades.php>

 Insertion Instructions: <http://www.globtek.com/pdf/Instructions-Interchangeable-Blades.pdf>

 Video: [Q-Blade Style Instruction Video](#)


INPUT CONNECTOR: Q-Socket (below are available blades configurations which are "not included" (unless stated above); can be purchased separately, package with power supply or as a separate "Q-KIT" if specified

- 01. United States / Canada / Japan NEMA 1-15P/IEC PLUG A [WORKS IN PLUG B] configuration: NA 2 blades, Class II; US/CA/JP P/N: Q-NA(R)
- 02. Australian AS 3112 configuration: SAA 2 blade/IEC TYPE I, Class II; AU P/N: Q-SAA(R)
- 03. UK BS 1363 configuration: UK 3 blade with dummy Ground/IEC TYPE G, Class II; GB P/N: Q-UK(R)
- 04. European CEE 7/16 configuration: Europlug 2 pins/IEC TYPE C [WORKS IN TYPE E&F], Class II; EU P/N: Q-EU(R)
- 05. Korean KS C8305 configuration: 2 pins/SIMILAR TO IEC TYPE C, Class II; KR P/N: Q-KR(R)
- 06. Argentina IRAM 2073 configuration: 2 blades/SIMILAR TO IEC TYPE I; AR P/N: Class II Q-AR(R)
- 07. China GB 2099 configuration: 2 blades/SIMILAR TO TYPE A, Class II; CN P/N: Q-CN(R)
- 08. India IS 1293 6A/BS546 configuration: 5A, 3 pins with Dummy Ground, Class II/IEC TYPE D; IN P/N: Q-IN(R)
- 09. IEC320/C18 Inlet, Class II; P/N: Q-C18(R)
- 10. Brazilian NBR6147 configuration: 2 pins, Class II; SIMILAR TO IEC TYPE C BR P/N: Q-BR(R)
- 11. South Africa SABS164-1, 3 round prongs, Class II + dummy ground, IEC TYPE M P/N: Q-SANS164-1-16A(R)
- 12. South Africa SABS164-4, 3 round prongs with a notched prong @ 0°, Class II + dummy ground, IEC TYPE M Red, P/N: Q-SANS164-4L-16A(R)

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13. South Africa SABS164-4, 3 round prongs with a notched prong @ -53°, Class II + dummy ground, Blue, IEC TYPE M, P/N:

Q-SANS164-4C-16A(R)

14. South Africa SABS164-4, 3 round prongs with a notched prong @ +53°, Class II + dummy ground, Black, IEC TYPE M P/N:

Q-SANS164-4R-16A(R)

#### Kits

01. Q-KIT: 1,2,3,4 above

02. Q-KIT-INTL: 2,3,4 above

03. Q-KIT-6: 1,2,3,4,5,6 above

04. Q-KIT-7: 1,2,3,4,5,6,7 above

05. Q-KIT-8: 1,2,3,4,5,6,7,8 above



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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











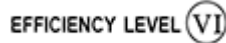
 For a comprehensive list of options, [click here](#)

Contact GlobTek for your specific requirements or custom solutions.

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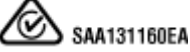




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Approvals	Description
 	Argentina UL certificate 15AR19294.1 for GT-41078-0505-USB
<p>PRECAUCION: PARA USO EN EQUIPOS ELECTRONICOS SOLAMENTE</p>	
 <p>R32282 RoHS (Pb)</p>	Taiwan BSMI 5V design only; <a href="http://www.bsmi.gov.tw/wSite/ct?xItem=4072&amp;ctNode=8167=2">http://www.bsmi.gov.tw/wSite/ct?xItem=4072&amp;ctNode=8167=2</a>
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
	CCC to GB4943.1-2011; GB/T9254-2008 GB17625.1-2012, Tropical <2000
	CE Certification Class II 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 15 B
 	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
	Certification # TC RU AR46.B.75423 Custom Union of Russia, Belarus and Kazakhstan
 <p>ITE כוח קפסו</p>	FCC PART 15 CLASS B Electric strength Of Israel Standard SI 60950 Part 1 ? Safety of information technology equipment: General requirements, Feb. 2012. (5 Volts Only)
 <p>직류전원장치 AC/DC ADAPTER KTC HU10499-13014A MSIP-REM-GS2-41078-0505-USB 최저소비효율기준 인증 제품 모델명:GT-41078-0505-USB Mfg. Name: GLOBTEK (SUZHOU) CO.,LTD A/S Center: 10-6221-6100</p>	Korea KET KC Mark GT-41078-0505-USB HU10499-13014A (5V 5.1V 5.2V 5.3V 5.4V 5.5V 5.6V 5.7V 5.8V 5.9V 6V)
	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)

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<p>LPS</p>  <p>GlobTek, Inc.</p>  <p>SAA131160EA</p> <p>RoHS</p> <p>إمدادات الطاقة</p>   <p>IEC/EN60950-1</p> <p>No Logo</p>  <p>10276</p> 	<p>Limited Power Source</p> <p>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>.</p> <p>RCM certificate SAA131160EA; 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> 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></p> <p>Saudi Arabia approval to IEC 60950-1:2005</p> <p>SGS (Brazil) to IEC 60950-1_2005(ed.2) + A1 2009 +A2 2013 EN60950-1:2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013</p> <p>SIQ Mark License EN60950-1</p> <p>12</p> <p>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>)</p> <p>Japan: Voluntary Control Council for Interference (VCCI)</p> <p>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</p>
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