Model:GT-41060CC-25VV-Q May 20, 2024

GT-41060CC-25VV-Q

Information

Model Number	GT-41060CC-25VV-Q
Description	GT-41060CC-25VV-Q, ICT/ITE Power Supply, 60601-1-4th Ed. , Wall Plug-in, Regulated Switchmode AC-DC Constant Current (CC) Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, Blade Options for Q Series Wall Plug-in Power Supplies, Output Rating: 25 Watts, Power rating with convection cooling (W) , 3.3-30V in 0.1V increments, Approvals: RCM; EAC; Belarus (12V only); UKCA; Taiwan BSMI (12V only); C-Tick; CB 60950; CCC; CE; China RoHS; cULus; Double Insulation; FCC; GOST-R; IRAM; Korea (12V Only); Level IV 115V; LPS (9V-30V); NrCAN; PSE; RoHS; Ukraine; VCCI; WEEE; IP52; SIQ (up to 30V only); PSE;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GT-41060/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0O30000007P7ZIEA0
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0O30000007P7ZIEA0
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	Wall Plug-in
Technology	Regulated Switchmode AC-DC Constant Current (CC) 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)	25.0
Vout Range (V)	3.3-30
Efficiency Level	IV
Ingress Protection	IP40
Size (mm)	84*56*38

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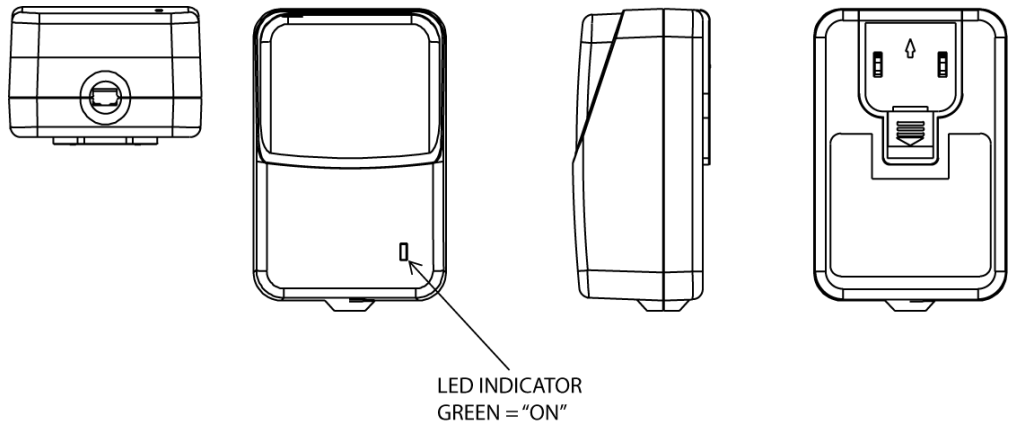
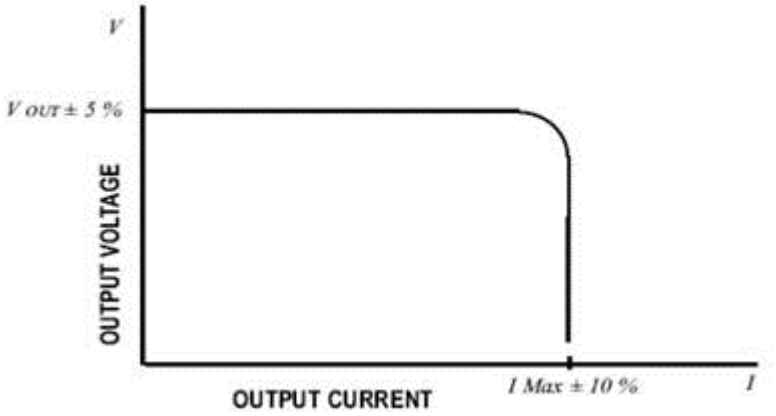
ENCLOSURE



OUTPUT VOLTAGE AND CURRENT CHARACTERISTIC
FOR CONSTANT CURRENT (CC) VERSION



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41060CC1003	3 V			RFQ
GT-41060CC-2515-1.5-Q	13.5 V	1	13.50	RFQ
GT-41060CC1415-1.5	13.5 V	1	13.50	RFQ
GT-41060CC2515-1.5	13.5 V	1	13.50	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
3. Output Regulation: +/- 5% measured at the output connector
4. Line Voltage Regulation: +/- 1% maximum at full load
5. 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
6. Turn-On/Turn-Off Overshoot: 5% maximum, 500uS maximun recovery time for 25% to 50% step load
7. Turn-On Delay: 3000 mSEC maximum at full load, 115VAC
8. Hold-Up Time: 10mS minimum at nominal input and full load
9. Inrush Current: 30A typical at 115VAC input and 60A typical at 230 VAC input
10. Switching Frequency: 65 KHz typical

B) PROTECTION
1. Over-Voltage: Protected, unit will recover upon removal of fault
2. Over-Load: Protected, unit will recover upon removal of fault
2. Short Circuit: 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

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: -40°C to 80°C
5. ROHS 2: Complies with EU 2011/65/EU & 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: 84.0* 56.0*37.9 mm +/-1.0
4. Green LED indicator for power "Power On"

OUTPUT CURRENT RANGE AND CONSTANT CURRENT SET UNDER DEVIATION IN SPEC.

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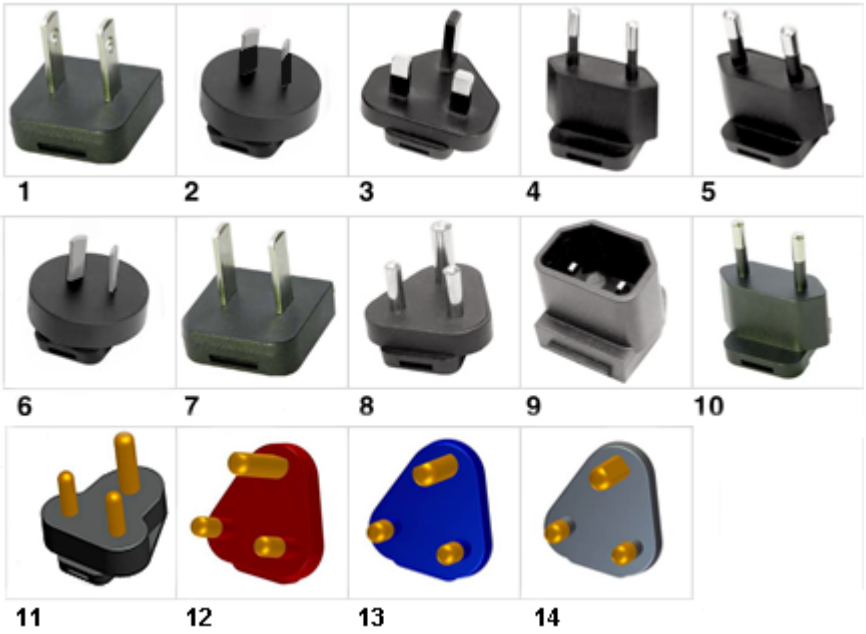
DERATING CURVE

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 Type 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. IEC60320/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 and India IS 1293, IS694, 16A type plug, 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 @ 0º, Class II + dummy ground, IEC TYPE M Red, P/N:
Q-SANS164-4C-16A(R)

13. South Africa SABS164-4, 3 round prongs with a notched prong @ -53º, Class II + dummy ground, Blue, IEC TYPE M, P/N:
Q-SANS164-4L-16A(R)
14. South Africa SABS164-4, 3 round prongs with a notched prong @ +53º, 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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Approvals

Logo	Description
BELLIS	Belarus certificate J\I By/I 12 03. 1 I . 020 05936 only for GTM41060-2512 and GT-41060-2512
R32282 RoHS (Pb)	Taiwan BSMI (12V designs only); http://www.bsmi.gov.tw/wSite/ct?xItem=407
Pour matériel de informatique technologique. N4292 SAA090632EA	C-Tick GT-41060 N4292 SAA090632EA
No Logo	CB Certificate IEC 60950-1:2005 (2nd Edition), Am 1: 2009, CB report IEC 60 Edition), Am 1: 2009 and EN 60950-1:2006 + Am 1:2010 + Am 11:2009 + Am
	CCC to GB4943.1-2011; GB/T9254-2008 GB17625.1-2012, Tropical <2000
CE	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 EMI: Complies with EN55011 CLASS B and FCC Part 15B - On label or Molde
30	CHINA SJ/T 11364-2014, China RoHS Chart: http://www.globtek.com/pdf/F-GT-DJD-8.4.1-006%20China%20RoHS%20Dec
c UL us LISTED 4MU8 E170507	UL60950-1, cULus to UL 60950-1, 2nd Edition, 2007-03-27 and CSA C22.2 N Edition, 2007-03

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EAC	Certification # TC RU 0585806 Custom Union of Russia, Belarus and Kazakhs
FC	FCC PART 15 CLASS B
EAC	GOST-R mark for Russia(Document: http://www.globtek.com/html/iso_certifica 03/15/2015. Due to lack of demand, GlobTek will not be renewing it's GOST c contact your sales engineer for pricing on EAC.
	Indoor Use Only - Mark is on the label or Molded in the case
IP52	Ingress Protection: ?IP52 to IEC60529:2001 Protected against dust - limited ir deposit) and Protected against direct sprays up to 15 degrees from the vertica
DC-E-G71-002.1 PRECAUCION: PARA USO EN EQUIPOS ELECTRONICOS SOLAMENTE	IRAM certificate DC-E-G71-002.1 to IEC 60950 + A1:2009
GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50314327, to J60950-1(H26) , J55022(H22) less]. Please reference the following website for guidelines on PSE regulations https://www.globtek.com/r2/Szj4Vb
직류전원장치 AC/DC ADAPTER KTC HU10173-10024A Mfr. Name: GLOBTEK (SUZHOU) CO.,LTD A/S Center: 10-6221-6100	Korea KET KC Mark GT-41060-2512 HU10173-10024A (12V Only)
EFFICIENCY LEVEL IV 115V	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)
LPS	Limited Power Source GT-41060 9 - 30 volts only
EEV1191	Natural Resources Canada (NRCan): CSA Standard C381.1-08, QSP NRCAN http://shop.csa.ca/en/canada/energy-efficiency/cancsa-c3811-08/invt/270248(

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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
	Australia and New Zealand Regulatory Compliance, Mark (http://rcm.standards.org.au/rcmfaq/rcmfaq.htm (pending)
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2 http://www.ce-mark.com/Rohs%20final.pdf
	IEC 60601-1:2005 (Third Edition) + CORR. 1:2006 + CORR. 2:2007 + A1:2012 (or IEC 60601-1: 2012 reprint) up to 30V only
UK CA	UKCA Certification
10276	Ukraine UKRSepro (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