Model:GTM41076-06VV-Q 2MOOP October 13, 2019

GTM41076-06VV-Q 2MOOP

Information

Model Number	GTM41076-06VV-Q 2MOOP
Description	GTM41076-06VV-Q 2MOOP, Medical Power Supply, 60601-1-4th Ed. , 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: 6 Watts, Power rating with convection cooling (W) , 5-30V in 0.1V increments, Approvals: cUR; PSE; PSE; EAC; Ukraine; CE; PSE; CB 60601-1; China RoHS; WEEE; RoHS; Double Insulation; VCCI; Class 2; NrCAN; India; RCM; CCC; Level V; IP40; SIQ; CE;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GTM41076/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000BzyHWEAZ
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000BzyHWEAZ
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 Power Supply AC Adaptor
Category	Medical Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.16A-0.1A
Wattage (W)	6.0
Vout Range (V)	5-30
Efficiency Level	Meets/Exceeds for Medical
Ingress Protection	IP40 (IP52 Option Available)
Size (mm)	74*44*34

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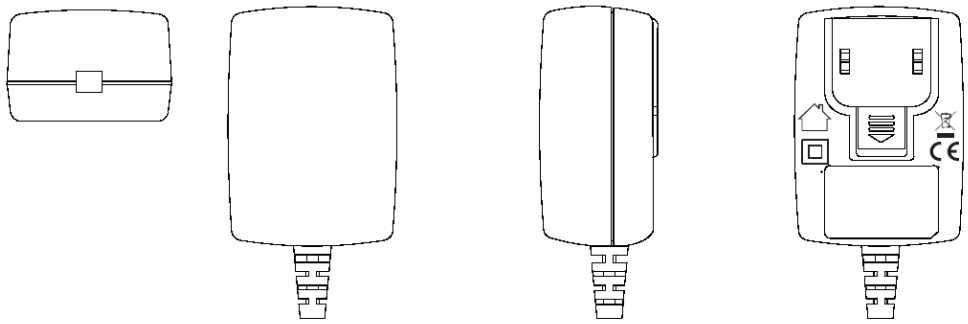
ENCLOSURE



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GTM41076-0605	5 V	1.2	6.00	RFQ
GTM41076-0606	6 V	1	6.00	RFQ
GTM41076-0607	7 V	0.85	5.95	RFQ
GTM41076-0609-0.5	8.5 V	0.705	5.99	RFQ
GTM41076-0609	9 V	0.66	5.94	RFQ
GTM41076-0612	12 V	0.5	6.00	RFQ
GTM41076-0615	15 V	0.4	6.00	RFQ
GTM41076-0618	18 V	0.33	5.94	RFQ
GTM41076-0620	20 V	0.3	6.00	RFQ
GTM41076-0624	24 V	0.25	6.00	RFQ
GTM41076-0630	30 V	0.16	4.80	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 Power (Rated): 6Watts maximum
4. Output Regulation: +/- 5% measured at the output connector
5. Line Voltage Regulation: +/- 1% typical measured at the output connector
6. Output Ripple (Vp-p): +/-1% or 150 mV whichever is greater at nominal output voltage. 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.
7. Turn-On/Turn-Off Overshoot: 5% maximum, 500us maximum recovery time for 25% step load.
8. Turn-On Delay: 3000mSEC maximum
9. Hold-Up Time: 8mSec maximum at nominal input and full load.
10. Inrush Current: 30A typical @ 115Vac input ; 60A typical @ 230Vac input
11. Switching Frequency: 66.5 KHz typical

B) PROTECTION
1. Over-Voltage: Protected unit will recover upon removal of fault
2. Short Circuit: Electronically Protected, unit will recover upon removal of fault
3. Input Protection: Input line fusing

C) SAFETY
1. Dielectric Withstand Voltage: 5656Vdc from primary to secondary
2. Earth Leakage Current: N/A for Class II units, there is no PE Ground pin, so Earth Leakage current is not measured
3. Touch Current: Maximum allowed values: 100uA NC(Normal condition) 500uA SFC(single fault condition)
4. Means of Protection: 2 x MOOP

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

E) ENCLOSURE
1. Upper Housing: High impact plastic, 94V0 polycarbonate, non-vented
2. Lower Housing: High impact plastic, 94V0 polycarbonate, non-vented
3. Size: 43.5*74.0*35.3 +/-1.0 mm

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DERATING CURVE

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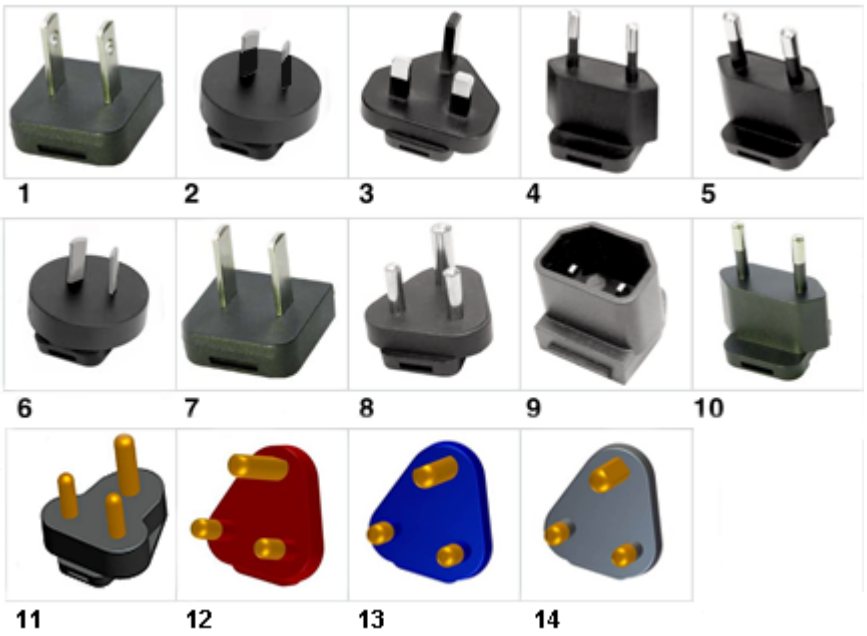
Input Configuration

DescriptionBlade 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 @ 0º, Class II + dummy ground, IEC TYPE M Red, P/N: Q-SANS164-4L-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-SANS164-4C-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
	Caution/Attention
No Logo Applicable	CB report IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) and or EN 60601-1:2006 3rd Edition including 2MOOP requirements
 仅适用于海拔2000M以下地区使用	CCC to GB4943.1-2011, Tropical <2000
CE	CE Mark: tested to comply with EN61000-3-2, EN61000-3-3 and EN50082-1, including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, EN61001-1-2-2007 EMI: Complies with EN55011 CLASS B and FCC Part 15 B Test standard: EN 60601-1-2: 2015
CE 30 CLASS 2 POWER SUPPLY	CHINA SJ/T 11364-2014, China RoHS Chart: http://en.globtek.com/globtek-rohs.php CLASS 2 POWER SUPPLY Text
c UL us E341350	ANSI/AAMI ES60601-1: A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012, CSA CAN/CSA-C22.2 NO. 60601-1:14
EAC	Certification # TC RU AR46.B.69004 Custom Union of Russia, Belarus and Kazakhstan
IS 13252 (Part 1)/ IEC 60950-1 R-41017175 www.bis.gov.in	Bureau Of Indian Standards for GTM41076-0605(5V only)
IP40	Indoor Use Only - Mark is on the label or Molded in the case Ingress Protection: ?IP40 to IEC60529:2001 Protection against granular foreign bodies (with I/P cord)
PS E GlobTek, Inc.	JAPAN TUV R-PSE, Cert. No. JD 50315866, to J60950-1(H26) , J55022(H22),[15V or less]. Please reference the following website for guidelines on PSE regulations: http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/
	JAPAN TUV R-PSE, Cert. No. JD 50315866, to J60950-1(H26) ,

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GlobTek, Inc.

GlobTek, Inc.

EFFICIENCY LEVEL V

MEDICAL POWER SUPPLY

EEV1191

RoHS

10276

J55022(H22),[DC15V?30V]. Please reference the following website for guidelines on PSE regulations:
http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/

JAPAN TUV R-PSE, Cert. No. JD 50315866, to J60950-1(H26) ,
J55022(H22),[DC30V?60V]. Please reference the following website for guidelines on PSE regulations:
http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/
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)
MEDICAL POWER SUPPLY Text
Natural Resources Canada (NRCan): CSA Standard C381.1-08, QSP NRCAN EEV1191;
http://shop.csa.ca/en/canada/energy-efficiency/cancsa-c3811-08/invt/27024802008

Australia and New Zealand Regulatory Compliance, Mark (
http://rcm.standards.org.au/rcmfaq/rcmfaq.htm

Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015/863-EU (ROHS-3) 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)

Ukraine UKRSepro (Document: 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)
Mark is on the label or Molded in the case