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Model:GTM41076-06VV-QA 2MOPP

July 16, 2019

## GTM41076-06VV-QA 2MOPP

### Information

Model Number GTM41076-06VV-QA 2MOPP

Description GTM41076-06VV-QA 2MOPP, 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; CE; RoHS; China RoHS; PSE; Level V; CB 60601-1 2MOPP; Designed to meet EN 60950-1; GOST-R; Ukraine; Double Insulation; WEEE; Class 2; India; RCM; SIQ; Taiwan BSMI; CE;

Model Picture



Agency Documents <http://www.globtek.info/certs/GTM41076/>  
CE [https://www.globtek.com/pdf/ec\\_declaration/a0Oa000000HSicQEAT](https://www.globtek.com/pdf/ec_declaration/a0Oa000000HSicQEAT)  
EC-Declaration  
RoHS/RoHS2 Declaration [https://www.globtek.com/pdf/rohs\\_cert/a0Oa000000HSicQEAT](https://www.globtek.com/pdf/rohs_cert/a0Oa000000HSicQEAT)  
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**

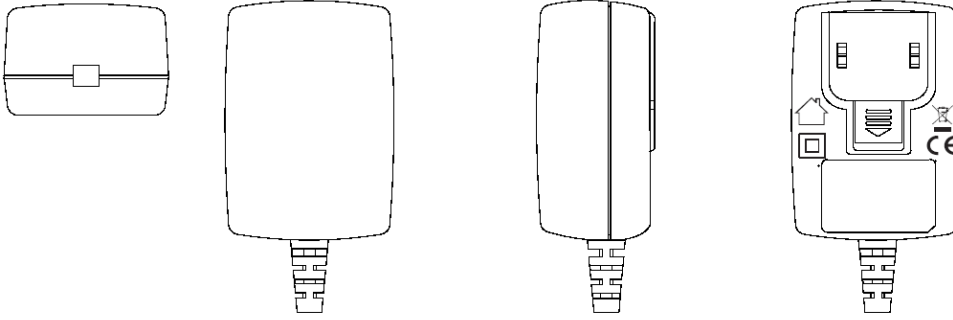
Type	Wall Plug-in
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	Medical Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.16-0.1 A
Wattage (W)	6.0
Vout Range (V)	5-30
Efficiency Level	Meets/Exceeds for Medical
Ingress Protection	IP52 Option
Size (mm)	43.5* 74.0* 35.3

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ENCLOSURE



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**RATING TABLE**

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
a17a000000LICsg	V			<a href="#">RFQ</a>
GTM41078-0505-USB5	5 V	1	5.00	<a href="#">RFQ</a>
GTM41076-0605A	5 V	1.2	6.00	<a href="#">RFQ</a>
GTM41076-0612A	12 V	0.5	6.00	<a href="#">RFQ</a>
GTM41076-0630A	30 V	0.16	4.80	<a href="#">RFQ</a>

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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 MOPP
5. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

**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 mm +/-1.0

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DERATING CURVE

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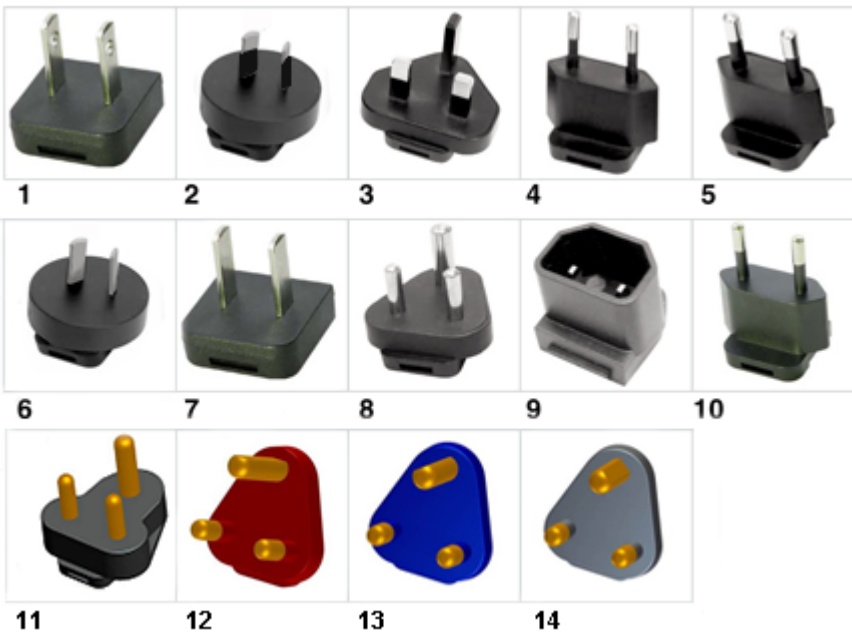
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## Input Configuration

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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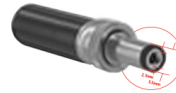
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**Output Configuration**

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
 R32282 RoHS	Taiwan BSMI GTM41076 R32282 7V, 12V,,24V <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>
	Caution/Attention
No Logo Applicable    CLASS 2 POWER SUPPLY  E341350	CB report IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) and or EN 60601-1:2006 3rd Edition 2xMOPP CE Mark: tested to comply with EN 60601-1-2:2015 Medical electrical equipment Part 1-2: - Mark is on the label or Molded in the case Test standard: EN 60601-1-2: 2015 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> CLASS 2 POWER SUPPLY Text ANSI/AAMI ES60601-1: A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012, CSA CAN/CSA-C22.2 NO. 60601-1:14
No Logo	Designed to meet EN 60950-1 :2006+Am 1:2010+Am 11 :2009+Am 12:2011+A2:2013
 IS 13252 (Part 1) IEC 60950-1  R-41017175 <a href="http://www.bis.gov.in">www.bis.gov.in</a>	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. Bureau Of Indian Standards for GTM41076-0605(5V only)
 EFFICIENCY LEVEL  MEDICAL POWER SUPPLY	Indoor Use Only - Mark is on the label or Molded in the case 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 JAPAN TUV Rheinland-PSE GlobTek Inc to J60950-1(H26) ,

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GlobTek, Inc.



RoHS



10276



J55022(H22),J3000(H25).Please follow the procedure listed in the following link for proper import to Japan: <http://en.globtek.com/importing-to-japan.php>.

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](http://www.globtek.com/html/iso_certificates/GT_Ukraine.pdf))

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