

Model:GTM41076-06VV-QA 2MOPP (EOL due to 260-00620001(R) IC FSQ110 DIP-8 FAIRCHILD)

May 3, 2024

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Information

Model Number	GTM41076-06VV-QA 2MOPP (EOL due to 260-00620001(R) IC FSQ110 DIP-8 FAIRCHILD)
Description	GTM41076-06VV-QA 2MOPP (EOL due to 260-00620001(R) IC FSQ110 DIP-8 FAIRCHILD), 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; UKCA; 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 BIS; RCM; SIQ; Taiwan BSMI; CE;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GTM41076/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000HSIcQEAT
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000HSIcQEAT
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

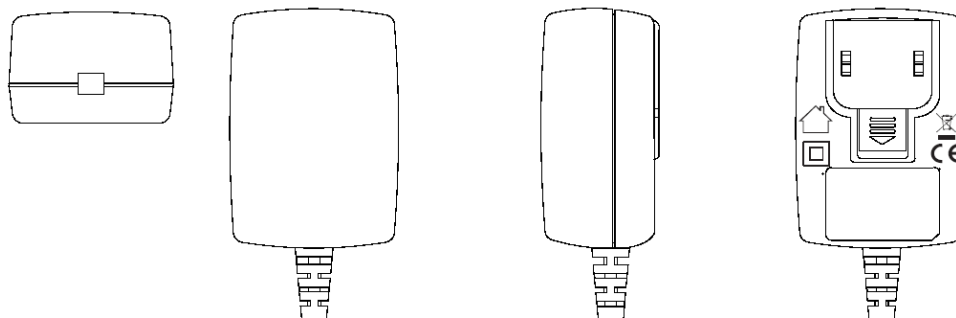
Type	Wall Plug-in
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	Medical Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.16-0.1 A
Wattage (W)	6.0
Vout Range (V)	5-30
Efficiency Level	IV
Ingress Protection	IP52 Option
Size (mm)	43.5* 74.0* 35.3

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ENCLOSURE



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
a17a000000LICsg	V			RFQ
GTM41078-0505-USB	5 V	1	5.00	RFQ
GTM41076-0605A	5 V	1.2	6.00	RFQ
GTM41076-0612A	12 V	0.5	6.00	RFQ
GTM41076-0630A	30 V	0.16	4.80	RFQ

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<https://www.globtek.com/ds/9k6xNzmCaEu/QtwoSVrY3Hy.html>

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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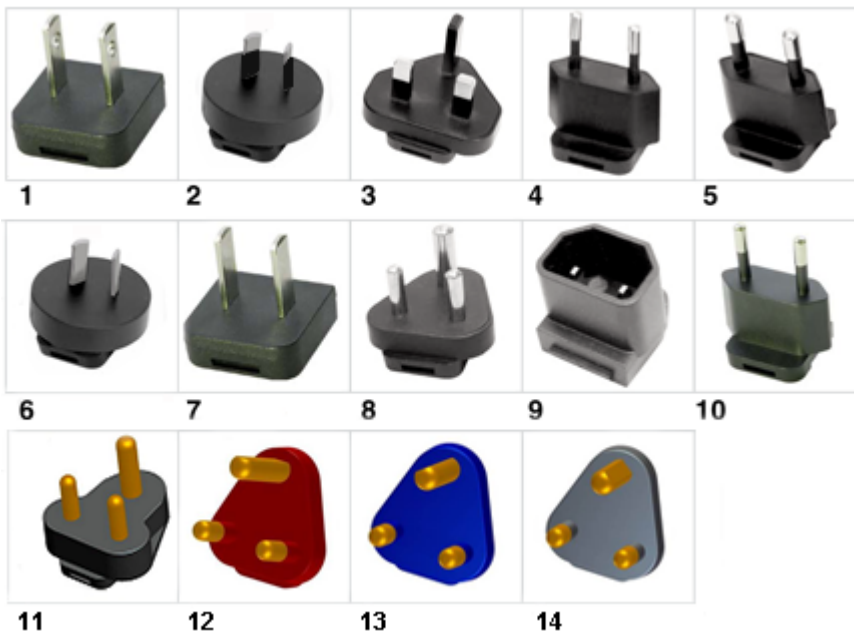
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INPUT CONFIGURATION

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 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 @ 0°, Class II + dummy ground, IEC TYPE M Red, P/N: Q-SANS164-4C-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-SANS164-4L-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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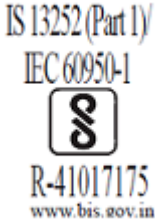
Approvals

Logo	Description
 R32282 RoHS	Taiwan BSMI GTM41076 R32282 7V, 12V,,24V http://www.bsmi.gov.tw/wSite/ct?xItem=4072&ctNode=816&mp=2
	Caution/Attention
No Logo Applicable	CB report IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) and or EN 60 Edition 2xMOPP
	CE Mark: tested to comply with EN 60601-1-2:2015 Medical electrical equipment on the label or Molded in the case
	Test standard: EN 60601-1-2: 2015
	CHINA SJ/T 11364-2014, China RoHS Chart: http://www.globtek.com/pdf/F-GT-DJD-8.4.1-006%20China%20RoHS%20Declar
CLASS 2 POWER SUPPLY	CLASS 2 POWER SUPPLY Text
	ANSI/AAMI ES60601-1: A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012, CSA NO. 60601-1:14
No Logo	Designed to meet EN 60950-1 :2006+Am 1:2010+Am 11 :2009+Am 12:2011+A2
	
	GOST-R mark for Russia(Document: http://www.globtek.com/html/iso_certificates 03/15/2015. Due to lack of demand, GlobTek will not be renewing it's GOST certi contact your sales engineer for pricing on EAC.

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	Bureau Of Indian Standards for GTM41076-0605(5V only)
	Indoor Use Only - Mark is on the label or Molded in the case
EFFICIENCY LEVEL 	Efficiency: complies to section 301 of Energy Independence and Security Act (EISA) Energy Star tier 2 (North America), ECP tier 2 (China), MEPS tier 2 (Australia), CE (Europe)
MEDICAL POWER SUPPLY	MEDICAL POWER SUPPLY Text
 GlobTek, Inc.	JAPAN TUV Rheinland-PSE GlobTek Inc to J60950-1(H26) , J55022(H22),J3000 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://rcmstandards.org.au/rcmfaq/rcmfaq.htm)
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015 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)
	UKCA Certification
 10276	Ukraine UKRSepto (Document: www.globtek.com/html/iso_certificates/GT_Ukraine)

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	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste/w) Mark is on the label or Molded in the case
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