

Delivering leading edge, innovative power solutions for more than 30 years....

Model:GTM91075-6012-W3E

May 2, 2024

GTM91075-6012-W3E

Information

Model Number	GTM91075-6012-W3E
Description	GTM91075-6012-W3E, POWER SUPPLY FOR MEDICAL USE, Wall Plug-in, Switchmode AC-AC Power Supply AC Adaptor, , Input Rating: 220-240V~, 50Hz, EUROPEAN "SCHUKO" CEE 7/7 PLUG, 2 POLE-3 WIRE GROUNDING, Output Rating: 60 Watts, Power rating with convection cooling (W) , 12V in 0.1V increments, Approvals: GOST-R; Ukraine; CE; China RoHS; RoHS; WEEE;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GTM91075/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0O30000007P7ZIEAK
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0O30000007P7ZIEAK
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

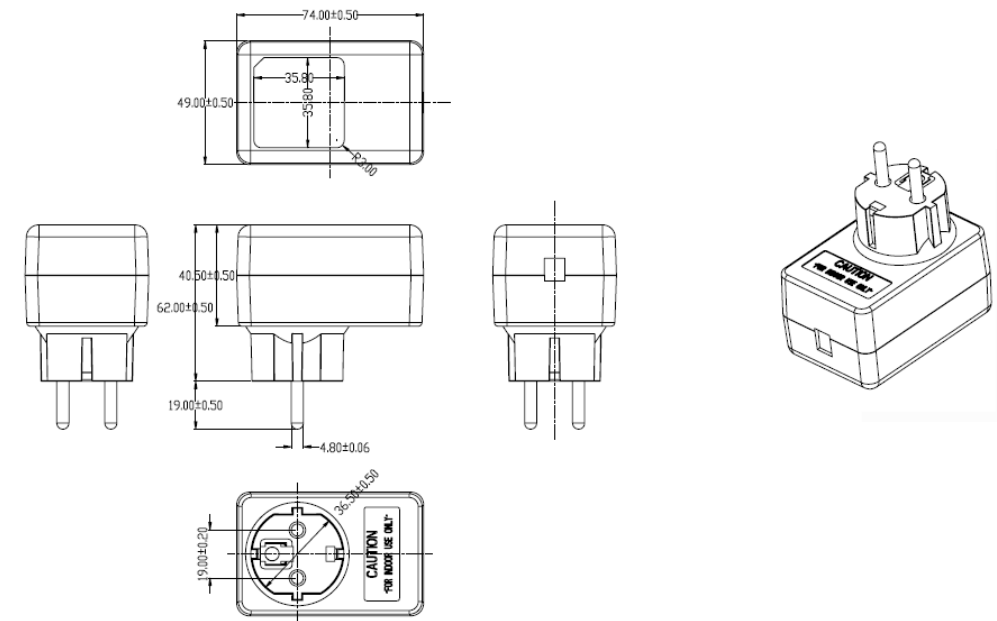
Type	Wall Plug-in
Technology	Switchmode AC-AC Power Supply AC Adaptor
Category	POWER SUPPLY FOR MEDICAL USE
Input Voltage	220-240V~, 50Hz
I/P Amps (A)	0.5A MAX
Wattage (W)	60.0
Vout Range (V)	12
Efficiency Level	
Ingress Protection	
Size (mm)	74*44*34

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ENCLOSURE

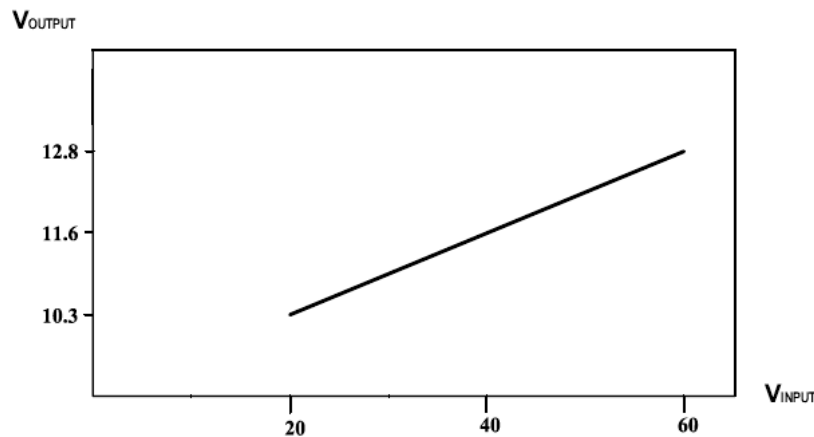


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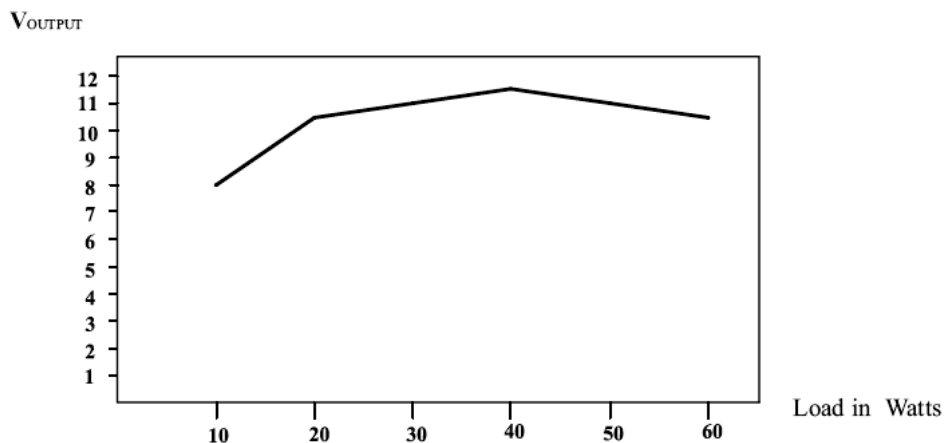
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TYPICAL INPUT VS OUTPUT VOLTAGE CURVE AT 60W LOAD



TYPICAL OUTPUT VOLTAGE VS LOAD CURVE, 230V INPUT



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GTM91075-6012-W3E	12 V	5	60.00	RFQ

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SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 230 Vac, Nameplate rated: 220-240Vac
02. Input Frequency: 50Hz
03. Power factor: 0.90 typical at 60W load
04. Line Regulation: $\pm 15\%$ maximum measured at o/p connector from 20W to 60W load
05. Turn-ON Delay: 1 Sec Max
06. Hold-Up Time: 10 mS typical @ nominal input voltage and full load
07. Switching Frequency: 25KHz typical
08. Efficiency: 95% typical at nominal input and full load

B) PROTECTION

01. Short Circuit: Latched, AC cycling required to restore output
02. Over-load: Latched, AC cycling required to restore output
03. Input Protection: Input line and neutral fusing

C) SAFETY

01. Dielectric Withstand Voltage: 5656Vdc from primary to secondary, 2121Vdc from primary to ground
02. Leakage current: < 0.3 mA at 240Vac input

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 40°C ambient temperature
03. Storage Temperature: -10°C to 80°C
04. Humidity: 0% to 90% relative humidity
05. ROHS 2: COMPLIES WITH EU 2011/65/EU AND CHINA SJ/T 11363-2006

E) ENCLOSURE

01. Upper Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Lower Housing: High impact plastic, 94V0 polycarbonate, non-vented
03. Size: 74*49*40.5 $\pm$ 0.5 mm

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DERATING CURVE

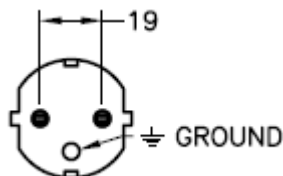
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INPUT CONFIGURATION

Description EUROPEAN "SCHUKO" CEE 7/7 PLUG, 2 POLE-3 WIRE GROUNDING



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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
	Attention Mark / Refer to operating manual for operating and service instructions
	CAUTION: RISK OF ELECTRIC SHOCK
	CE Mark: tested to comply with EN61000-3-2, EN61000-3-3 and EN50082-1, including 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
	CHINA SJ/T 11364-2014, China RoHS Chart: http://www.globtek.com/pdf/F-GT-DJD-8.4.1-006%20China%20RoHS%20Declaration%205
	GOST-R mark for Russia(Document: http://www.globtek.com/html/iso_certificates/GT_GOS 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.
	Indoor Use Only - Mark is on the label or Molded in the case
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015/863-EU (http://www.ce-mark.com/Rohs%20final.pdf)
	Ukraine UKRsepro (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste/weee/index) Mark is on the label or Molded in the case