

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

Model:GTM3J41-XX-YYYY-W2-1

June 24, 2019

GTM3J41-XX-YYYY-W2-1

Information

Model Number GTM3J41-XX-YYYY-W2-1

Description GTM3J41-XX-YYYY-W2-1, Medical Power Supply, Wall Plug-in, Regulated Linear AC-DC Power Supply AC Adaptor, , Input Rating: 100V~ / 50-60 Hz, NEMA 1-15P, North America Blades, Class II 2 Conductors, Output Rating: 1.8 Watts, Power rating with convection cooling (W) , 3.3-48V in 0.1V increments, Approvals: RoHS; China RoHS; PSE;

Model Picture

Agency

Documents

CE

EC-Declaration https://www.globtek.com/pdf/ec_declaration/a0Oa000000HV3jgEAD

RoHS/RoHS2

Declaration https://www.globtek.com/pdf/rohs_cert/a0Oa000000HV3jgEAD

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

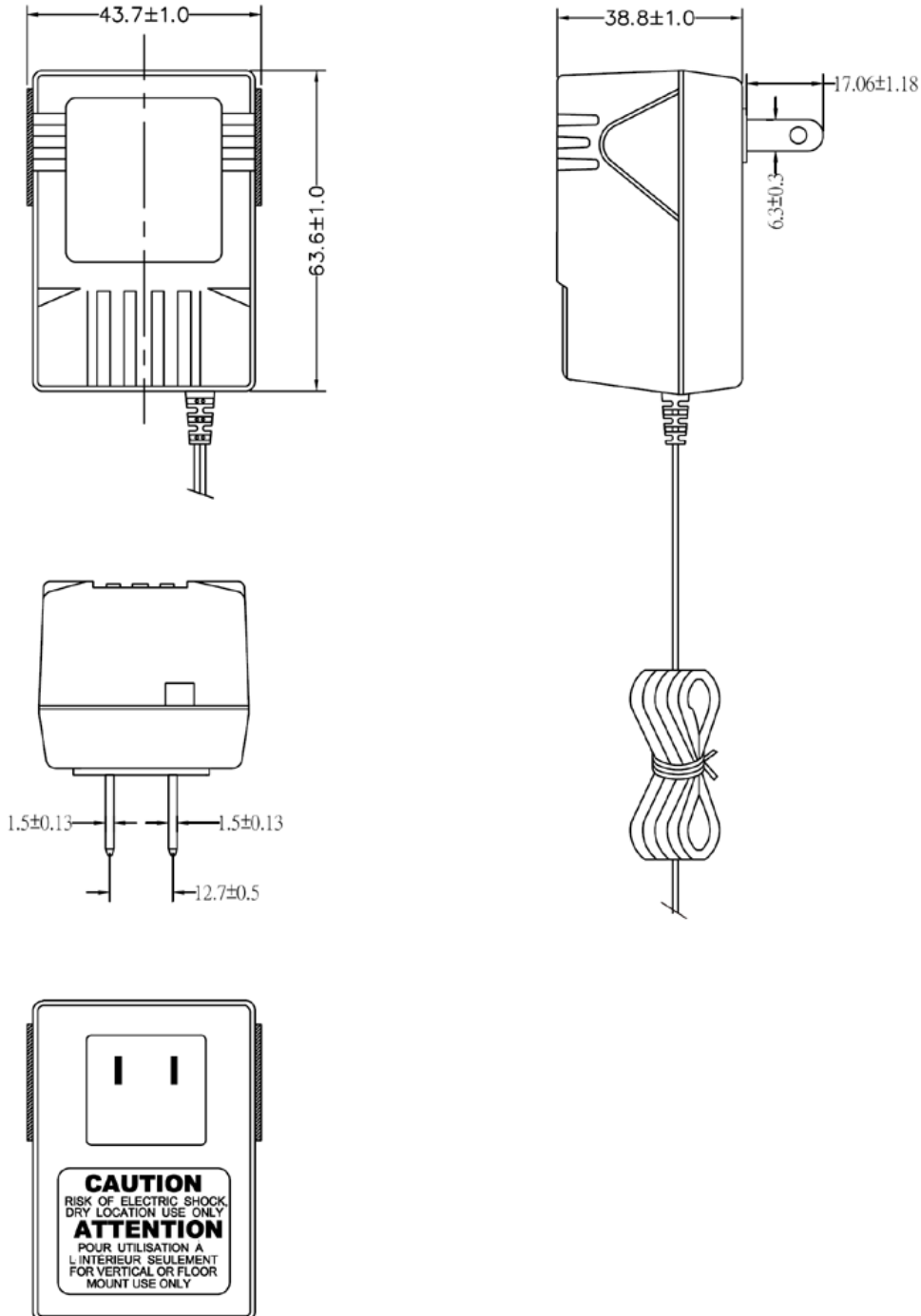
Type	Wall Plug-in
Technology	Regulated Linear AC-DC Power Supply AC Adaptor
Category	Medical Power Supply
Input Voltage	100V~ / 50-60 Hz
I/P Amps (A)	
Wattage (W)	1.8
Vout Range (V)	3.3-48
Efficiency Level	N/A
Ingress Protection	
Size (mm)	

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ENCLOSURE

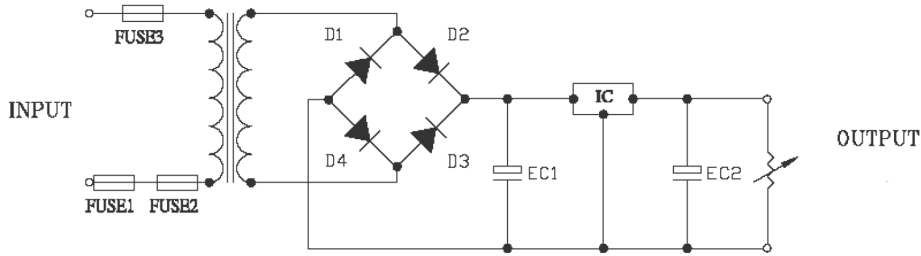


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SCHEMATIC:



FUSE1: #A2(115°C)

EC2: 10uf/16V (105°C)

FUSE2/3: 0.3A/250V

EC1: 1500uf/25V (105°C) 2000H

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
a17a00000LICsIV				RFQ

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SPECIFICATIONS**A) ELECTRICAL SPECIFICATIONS:**

01. Input Voltage: 100 Vac
02. Input Frequency: 50 Hz
03. Output Ripple (Vp-p):50mV Max

B) PROTECTION

01. Input Protection: Dual input line current fusing & thermal 115°C fuse

C) SAFETY

01. Dielectric Withstand Voltage: 3500 Vac from primary to secondary
02. Earth Leakage Current: <0.5 mA

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 40°C ambient temperature
03. Humidity: 0% to 90% relative humidity
04. Storage Temperature: -20°C to 80°C
05. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Markings: Label and/or Pad Printed and/or Molded in the case
03. Enclosure size: 63.6*43.7*38.8 ±1 mm

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DERATING CURVE

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Input Configuration

Description NEMA 1-15P, North America Blades, Class II 2 Conductors

All NEMA 1 devices are two-wire non-grounding devices (hot-neutral) rated for 125 V maximum. NEMA 1-15P plugs have two parallel flat blades, 0.25 inches (6.35 mm) wide, 0.06 inches (1.524 mm) thick, 0.625-0.718 inches (15.875–18.256 mm) long, and spaced 0.5 inches (12.7 mm) apart.

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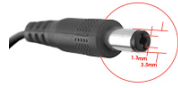
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Output Configuration

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
	Attention Mark / Refer to operating manual for operating and service instructions
	CHINA SJ/T 11364-2014, China RoHS Chart: http://en.globtek.com/globtek-rohs.php
	Indoor Use Only - Mark is on the label or Molded in the case
	JAPAN TUV R-PSE, Cert. No. JD 50315169, 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/
RoHS	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