

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

Model:GTM3J41-XX-YYYY-W2-1

May 4, 2024

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

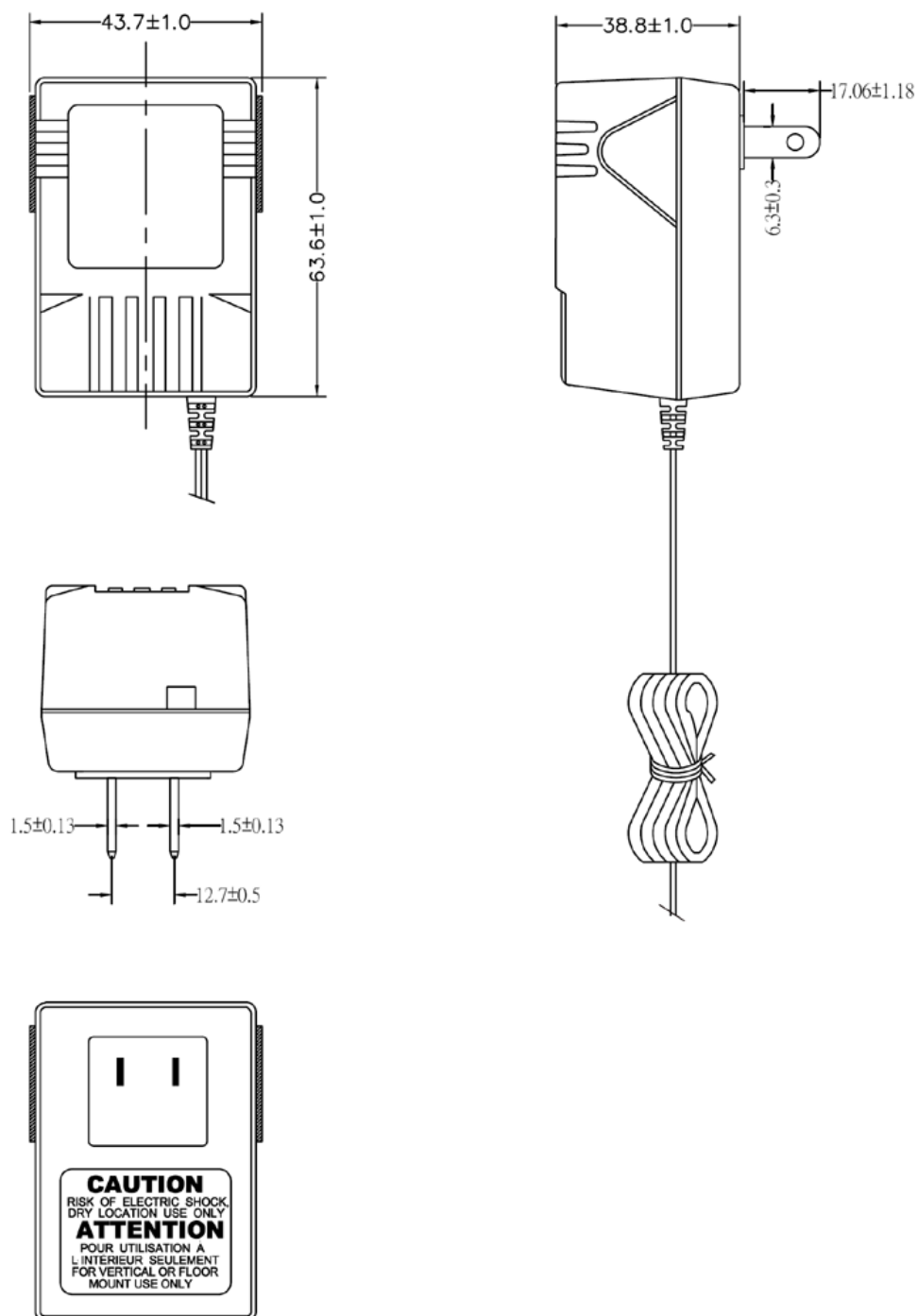
Type	Wall Plug-in
Technology	Regulated Linear AC-DC Power Supply AC Adaptor
Category	Medical Power Supply
Input Voltage	100V~ / 50-60 Hz
I/P Amps (A)	
Wattage (W)	1.8
Vout Range (V)	3.3-48
Efficiency Level	N/A
Ingress Protection	
Size (mm)	

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ENCLOSURE



PROPRIETARY INFORMATION

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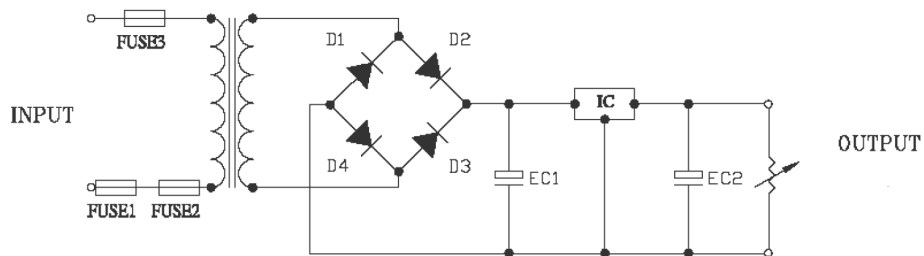
<https://www.globtek.com/ds/YssFZ944vwG/5FU8Fjid6PF.html>

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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
a17a000000LICsl	V			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
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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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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://www.globtek.com/pdf/F-GT-DJD-8.4.1-006%20China%20RoHS%20Declaration%205-20-22.pdf
	FOR VERTICAL OR FLOOR MOUNT USE ONLY
	Indoor Use Only - Mark is on the label or Molded in the case
	JAPAN TUV R-PSE, Cert. No. JD 50471624, to J62368-1(H30) , J55032(H29),J3000(H25,[15V or less]). Please reference the following website for guidelines on PSE regulations: https://www.globtek.com/r2/Szj4Vb
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