

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

Model:GT-41134-W2-TAB

April 15, 2021

GT-41134-W2-TAB

Information

Model Number	GT-41134-W2-TAB
Description	GT-41134-W2-TAB, ICT/ITE Power Supply, 60601-1-4th Ed. , Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 120V~/60Hz, NEMA 1-15P, North America Blades, Class II 2 Conductors, Output Rating: 6 Watts, Power rating with convection cooling (W) , 3-24V in 0.1V increments, Approvals: China RoHS; Double Insulation; Level V; RoHS; WEEE; VCCI; FCC; S-Mark 62368; ICES-003; EAC; CB 60950; PSE; CB 62368; cETLus 60601-1 3rd;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GT-41134-W2Z%20Fixed%20Blades/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000KZBEsEAP
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000KZBEsEAP
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:GT-41134-W2-TAB

April 15, 2021

MODEL PARAMETERS

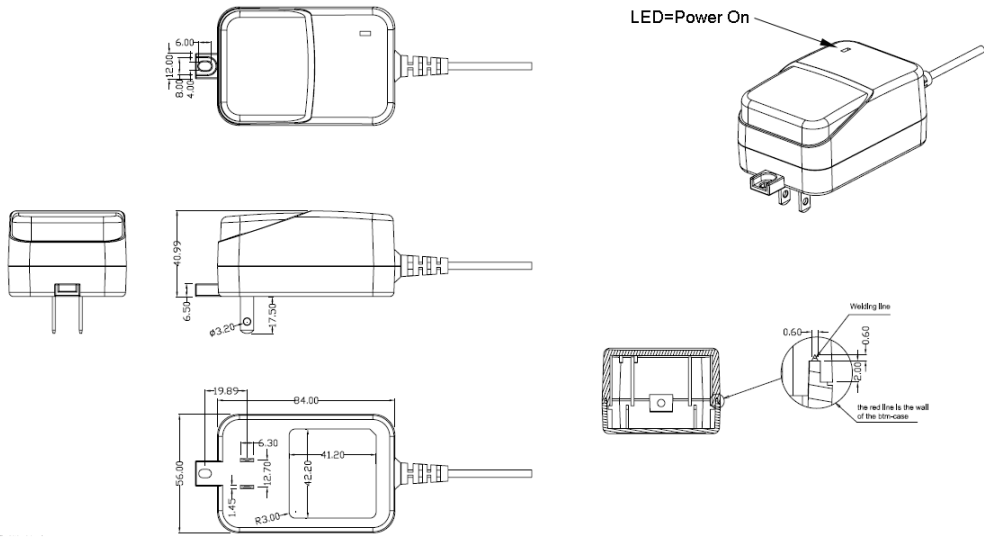
Type	Wall Plug-in
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	120V~/60Hz
I/P Amps (A)	0.3A
Wattage (W)	6.0
Vout Range (V)	3-24
Efficiency Level	V
Ingress Protection	IP40
Size (mm)	

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Model:GT-41134-W2-TAB

April 15, 2021

ENCLOSURE



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Model:GT-41134-W2-TAB

April 15, 2021

RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41134-0606-W2-TAB	6 V	1	6.00	RFQ

Model:GT-41134-W2-TAB

April 15, 2021

SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 120Vac, Nameplate rated: 90-132Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Output Regulation: +/- 5% measured at the output connector
04. Line Voltage Regulation: +/- 1% typical measured at output connector
05. Output Ripple (Vp-p): +/-1% or 50 mV whichever is greater, 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 at nominal line
06. Turn-ON/OFF Overshoot: 5% maximum, 500uS maximum recovery time for 25% step load
07. Turn-ON Delay: 3000 mS maximum
08. Hold-Up Time: 8 mS minimum at nominal input and full load
09. Inrush Current: 30A maximum at cold start 120Vac
10. Switching Frequency: 66.5 KHz typical

B) PROTECTION

01. Over-Voltage: Protected, unit will auto recover upon removal of fault
02. Short Circuit: Protected, unit will auto recover upon removal of fault
03. Input Protection: Input line fusing

C) SAFETY

01. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
- 02 Touch Current: <0.25mA at 120Vac
03. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 50°C ambient temperature
03. Humidity: 0% to 90% relative humidity
04. Storage Temperature: -10°C to 80°C
05. Cooling: Convection

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 84*55.5*42.5 +/-1.0 mm
03. Green LED indicator for "Power On".
04. Markings: Label and/or Pad Printed and/or Molded in the case

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Model:GT-41134-W2-TAB

April 15, 2021

DERATING CURVE

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April 15, 2021

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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Model:GT-41134-W2-TAB

April 15, 2021

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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Model:GT-41134-W2-TAB

April 15, 2021





Approvals

Logo	Description
No Logo Applicable	IEC 60950-1:2005 (Second Edition) + A1:2009 + A2:2013
No Logo Applicable	CB for IEC 62368-1:2014 (Second Edition)
	AAMI ES60601-1 Issued: 2012/08/20 Medical Electrical Equipment - Part 1: CAN/CSA-C22.2 No.60601-1:14, Third Edition Issued: 2014/03/01 - Medical Electrical Equipment - Part 1: IEC 60601-1-11 Issued: 2015/01/20 Ed. 2 Medical Elec. Equip.- Part 1-11:
	CHINA SJ/T 11364-2014, China RoHS Chart: http://en.globtek.com/globtek-rohs.php
Conforms to UL STD. 62368-1 Certified to CSA STD C22.2 NO.62368-1	Conforms to UL STD. 62368-1 Certified to CSA STD C22.2 NO.62368-1
	
	Certification # TC RU AR46.B.59626 Custom Union of Russia, Belarus and Kazakhstan
	FCC PART 15 CLASS B GT-41134-0606-W2-TAB Only
	ICES-003 Issue 5 of the Canadian Standards - On label or Molded in case
	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: http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/

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Model:GT-41134-W2-TAB

April 15, 2021

EFFICIENCY LEVEL 	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)
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
	S-Mark Certificate EN 62368-1:2014 + A11 (http://www.intertek.com/marks/s/)
	Japan: Voluntary Control Council for Interference (VCCI)
	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste/weee/index_en.htm) Mark is on the label or Molded in the case