

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

Model:GT-41134-06VV-x.x-W2-USB

May 4, 2024

GT-41134-06VV-x.x-W2-USB

Information

Model Number	GT-41134-06VV-x.x-W2-USB
Description	GT-41134-06VV-x.x-W2-USB, ICT/ITE Power Supply, 60601-1-4th Ed. , Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, NEMA 1-15P, North America Blades, Class II 2 Conductors, Output Rating: 6 Watts, Power rating with convection cooling (W) , 3.3-24V in 0.1V increments, Approvals: CB 60950; China RoHS; UL/cUL; Double Insulation; FCC; Level V; LPS 60950; RoHS; VCCI; WEEE; PSE; PSE;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GT-41134-W2Z%20Fixed%20Blades/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000KX294EAD
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000KX294EAD
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

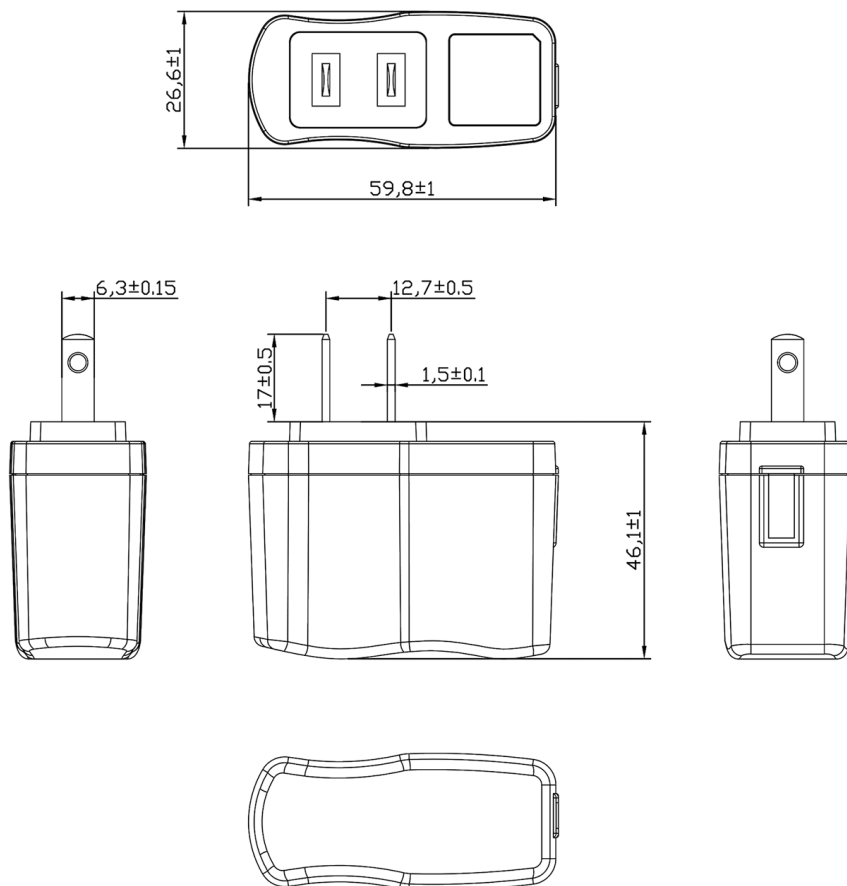
Type	Wall Plug-in
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.3A
Wattage (W)	6.0
Vout Range (V)	3.3-24
Efficiency Level	V
Ingress Protection	
Size (mm)	

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ENCLOSURE



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-41134-0603-W2-USB	3.3 V	1.8	5.94	RFQ
GT-41134-0604-W2E-USB	4 V	1.5	6.00	RFQ
GT-41134-0606-1.0-W2-USB	5 V	1.2	6.00	RFQ
GT-41134-0606-W2-USB	6 V	1	6.00	RFQ
GT-41134-0612-3.0-W2-USB	9 V	0.67	6.03	RFQ
GT-41134-0612-W2-USB	12 V	0.5	6.00	RFQ
GT-41134-0615-W2-USB	15 V	0.4	6.00	RFQ
GT-41134-0618-W2-USB	18 V	0.33	5.94	RFQ
GT-41134-0624-W2-USB	24 V	0.25	6.00	RFQ

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SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

- 01. Input Voltage: Specified 90-264 Vac, Nameplate rated 100-240 Vac
- 02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60 Hz
- 03. Output Regulation: +/- 5% measured at the output connector measured at the end of a 1 meter USB cordset employing #22 Gauge conductors
- 04. Line Voltage Regulation: +/- 1% typical measured at the output connector measured at the end of a 1 meter USB cordset employing #22 Gauge conductors
- 05. Output Ripple (Vp-p): +/-1% or 100 mV whichever is greater measured at the end of a 1 meter USB cordset employing #22 Gauge conductors. 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.
- 06. Turn-ON Delay: 1 Second, typical
- 07. Hold-Up Time: 8 mS typical at nominal input voltage and full load
- 08. Inrush Current: 30A typical at 115VAC input and 60A typical at 230VAC input
- 09. Switching Frequency: 65 KHz typical

B) PROTECTION

- 01. Over-Voltage: Protected Zener clamp across the output
- 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 @ 240Vac input voltage

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: -10°C to 80°C
- 05. Cooling: Convection

E) ENCLOSURE

- 01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
- 02. Size: 59.8 x 26.6 x 46.1mm +/- 1.0
- 03. Markings: Label and/or Pad Printed and/or Molded in the case

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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
No Logo	CB Certificate IEC 60950-1:2005 (2nd Edition), Am 1: 2009, CB report IEC 60950-1:2005 (2nd Edition), Am 1: 2009 and EN 60950-1:2006 + Am 1:2010 + Am 11:2009 + Am 12:2011
	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
	UL60950-1, cULus to UL 60950-1, 2nd Edition, 2007-03-27 and CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03
	
	FCC PART 15 CLASS B
	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
	JAPAN TUV R-PSE, Cert. No. JD 50471624 J62368-1(H30) , J55032(H29),J3000(H25),[DC15V?30V]. Please reference the following website for guidelines on PSE regulations: https://www.globtek.com/r2/Szj4Vb
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)
LPS	Limited Power Source 60950
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
	Japan: Voluntary Control Council for Interference (VCCI)

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	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