

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

Model:GT-56030-03VV-FW

May 8, 2024

GT-56030-03VV-FW

Information

Model Number	GT-56030-03VV-FW
Description	GT-56030-03VV-FW, ICT/ITE Power Supply, Open Frame/Internal, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, , Output Rating: 3 Watts, Power rating with convection cooling (W) , 9V in 0.1V increments, Approvals: EAC; Morocco; China RoHS; Double Insulation; Level VI; PSE; RoHS; Ukraine; VCCI; WEEE; CE;
Model Picture	
Agency Documents	
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000OJmraEAD
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000OJmraEAD
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	Open Frame/Internal
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)	
Wattage (W)	3.0
Vout Range (V)	9
Efficiency Level	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782
Ingress Protection	
Size (mm)	40.5*64.0*30.0

PROPRIETARY INFORMATION

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<https://www.globtek.com/ds/QCGAE3FbQKk/hhNpNvSrDzt.html>

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ENCLOSURE

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RATING TABLE

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

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 85-264 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Inrush Current: 110VAC for 10A, 230VAC for 20A
04. Average Efficiency: 74%
05. Input power(no load): < 0.3W
07. Output Voltage Accuracy: $\pm 2\%$
08. Line regulation: $\pm 0.5\%$
09. Ripple Voltage: 30mV (p-p): Input :(100V-240VAC), Output:full load
10. Output Ripple (Vp-p): +/-1% or 150 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

B) PROTECTION

01. Over voltage protection: Output shut down and auto restart
02. Short circuit protection: Output shut down and auto restart

C) SAFETY

01. HI-POT : Input to output : 3000VAC or 4242VDC 10mA 1 minute
02. Touch Current: <0.25mA @ 240Vac input voltage
03. Safety Standard: EN60950/UL60950

D) OTHER:

01. MTBF: 300,000 Hours @ 25°C ambient temperature
02. Operating Temperature: -25°C to 70°C ambient temperature
03. Storage Temperature: -25°C to 105°C
04. Humidity Storage: 10% to 95%

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 23.0 x 37.0 x 15.0 +/-1.0 mm
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**PROPRIETARY INFORMATION**

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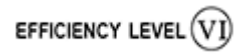
<https://www.globtek.com/ds/QCGAE3FbQKk/hhNpNvSrDzt.html>

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Approvals

Logo	Description
	CE Mark: tested to comply with IEC 61000-4-2:2008 ED.2.0 IEC 61000-4-2:2008 ED.2.0 IEC 61000-4-3:2010 ED.3.2 IEC 61000-4-3:2010 ED.3.2 IEC 61000-4-4:2012 ED.3.0 IEC 61; EMI: Complies with CISPR 22:2008, Class B AS/NZS CISPR 22:2009 +A1:2010, Class B IEC 610
	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
	
	Declaration ДС № EAЭC N RU Д-US.KA01.B.10453_19 Custom Union of Russia, Belarus and Kazakhstan http://www.globtek.com/redirect/?loc=gost-certificate-eac-declaration
	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
	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)
	Morocco SDoC declaration http://www.globtek.info/certs/Morocco%20SDoC%20Declaration/
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
	UKCA Certification

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 10276	Ukraine UKRSepro (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
	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