

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

Model:GT-56030-03VV-FW

September 19, 2019

## GT-56030-03VV-FW

### Information

Model Number GT-56030-03VV-FW

Description GT-56030-03VV-FW, 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; China RoHS; Double Insulation; Level VI; CE; RoHS; Ukraine; VCCI; WEEE; PSE;

Model Picture

Agency

Documents

CE

EC-Declaration [https://www.globtek.com/pdf/ec\\_declaration/a0Oa000000JmraEAD](https://www.globtek.com/pdf/ec_declaration/a0Oa000000JmraEAD)

RoHS/RoHS2

Declaration [https://www.globtek.com/pdf/rohs\\_cert/a0Oa000000JmraEAD](https://www.globtek.com/pdf/rohs_cert/a0Oa000000JmraEAD)

REACH

Declaration [https://www.globtek.com/pdf/iso\\_certificates/REACH.pdf](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	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	
Wattage (W)	3.0
Vout Range (V)	9
Efficiency Level	VI
Ingress Protection	
Size (mm)	40.5*64.0*30.0

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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**

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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 BIEC 610



CHINA SJ/T 11364-2014, China RoHS Chart: <http://en.globtek.com/globtek-rohs.php>



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 50315169, to J60950-1(H26) , J55022(H22),[15V or less]. Please reference the following  
 website for guidelines on PSE regulations:

GlobTek, Inc.

<http://en.globtek.com/importing-ite-and-medical-power-supplies-ac-adaptors-to-japan/>

**EFFICIENCY LEVEL VI**

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>



Ukraine UKRSepr (Document: [www.globtek.com/html/iso\\_certificates/GT\\_Ukraine.pdf](http://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](http://ec.europa.eu/environment/waste/weee/index_en.htm))  
 Mark is on the label or Molded in the case