

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

Model:GT-91115-WWXX-FW

May 4, 2024

GT-91115-WWXX-FW

Information

Model Number	GT-91115-WWXX-FW
Description	GT-91115-WWXX-FW, ICT/ITE Power Supply, Open Frame/Internal, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60Hz, 300 mm WIRE HARNESS, ROUND IEC 60227 H03VVH2-F 2 x 0.75 mm ² , ROJ=20 mm, RIJ STRIP AND TIN=5 mm (BROWN: LINE, BLUE: NEUTRAL), Output Rating: 6 Watts, Power rating with convection cooling (W) , V in 0.1V increments, Approvals: EAC; UKCA; Conforms to 62368-1; CE; Double Insulation; WEEE; China RoHS; RoHS; Ukraine;
Model Picture	
Agency Documents	
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000C1fFLEAZ
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000C1fFLEAZ
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf

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

Model:GT-91115-WWXX-FW

May 4, 2024

MODEL PARAMETERS

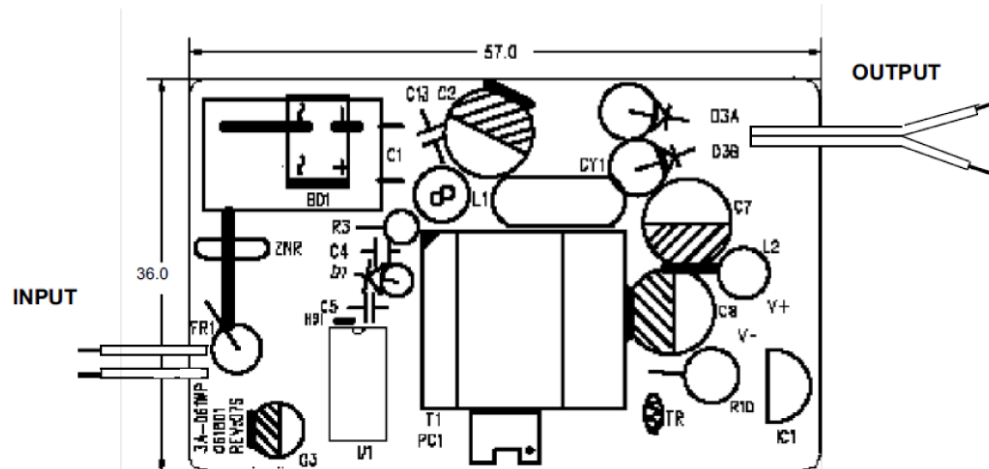
Type	Open Frame/Internal
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	100-240V~, 50-60Hz
I/P Amps (A)	0.6A
Wattage (W)	6.0
Vout Range (V)	
Efficiency Level	
Ingress Protection	
Size (mm)	118.5*53.5*34.2

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

Model:GT-91115-WWXX-FW

May 4, 2024

ENCLOSURE



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

Model:GT-91115-WWXX-FW

May 4, 2024

RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-91115-0609-FW	9 V	0.66	5.94	RFQ

Model:GT-91115-WWXX-FW

May 4, 2024

SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

1. Input Voltage: 100-240 Vac
2. Input Current: 0.6 A RMS max
3. Input Frequency: 47 - 63 Hz
4. Output Power (Rated): 6Watts max
5. Output Regulation: +/- 5% measured at the output connector
6. Line Voltage Regulation: +/- 1% maximum at full load
7. 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 output connector at nominal line
8. Turn-On/Turn-Off Overshoot: 4% maximum, 500uS maximum recovery time for 25% step load
9. Turn-On Delay: 3000 mSEC maximum.
10. Hold-Up Time: 8mS minimum at nominal input and full load
11. Inrush Current: 30A maximum at cold start 120VAC input and 60A maximum at cold start 230 VAC input
12. Switching Frequency: 65 KHz typical

B) PROTECTION

1. Over-Voltage: Protected with zener diode across the output
2. Over-Load: Protected, unit will recover upon removal of fault
2. Short Circuit: Protected, unit will recover upon removal of fault
3. Input Protection: Input line fusing

C) SAFETY

1. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
2. Earth Leakage Current: <3.5 mA @ 240Vac input voltage

D) OTHER:

1. MTBF: 200,000 hours @ 25°C ambient temperature
2. Operating Temperature: 0°C to 40°C ambient temperature
3. Humidity: 0% to 90% relative humidity
4. Storage Temperature: -40°C to 80°C
5. ROHS 2: Complies with EU 2011/65/EU & CHINA SJ/T 11363-2006

E) ENCLOSURE

1. Open Frame Size: 57.0* 36.0*18.0 mm +/-1.0

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

Model:GT-91115-WWXX-FW

May 4, 2024

DERATING CURVE

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

Model:GT-91115-WWXX-FW

May 4, 2024

INPUT CONFIGURATION

Description	
	300 mm WIRE HARNESS, ROUND IEC 60227 H03VVH2-F 2 x 0.75 mm ² , ROJ=20 mm, RIJ STRIP AND TIN=5 mm (BROWN: LINE, BLUE: NEUTRAL)

Model:GT-91115-WWXX-FW

May 4, 2024

Approvals

Logo	Description
	CE Mark: tested to comply with EN55022:2006/A1:2007 Class B, EN610003-2, EN610003-3 including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6N EN61000-4-11; EMI: Complies with EN55011 CLASS B and FCC Part 15B - On label or Molded in case
	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
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.69004 Custom Union of Russia, Belarus and Kazakhstan
	Indoor Use Only - Mark is on the label or Molded in the case
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
	Ukraine UKRSePro (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
	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