

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

Model:GT-21089-W3BR

July 25, 2021

GT-21089-W3BR

Information

Model Number

GT-21089-W3BR

Description

GT-21089-W3BR, ICT/ITE Power Supply, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, The Brazilian NBR 14136:2002 is standard for Brazilian plugs and receptacle, Output Rating: 19 Watts, Power rating with convection cooling (W) , 3-24V in 0.1V increments, Approvals:

Model Picture



Agency Documents

<http://www.globtek.info/certs/GT-21089/>

CE EC-Declaration

https://www.globtek.com/pdf/ec_declaration/a003a00000LB0ILEA1

RoHS/RoHS2 Declaration

https://www.globtek.com/pdf/rohs_cert/a003a00000LB0ILEA1

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-21089-W3BR

July 25, 2021

MODEL PARAMETERS

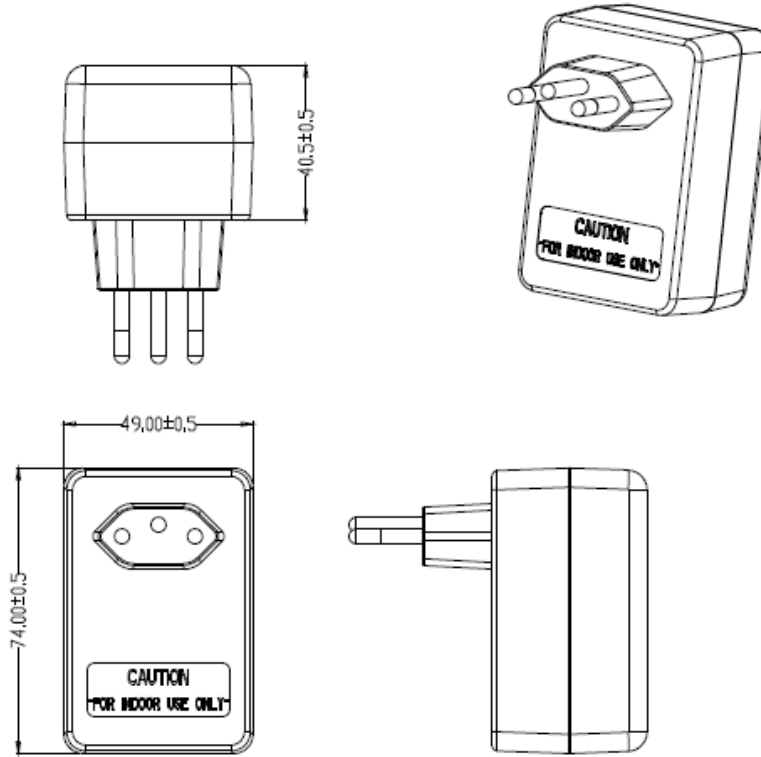
Type	Wall Plug-in
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ICT/ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	0.5A MAX
Wattage (W)	19.0
Vout Range (V)	3-24
Efficiency Level	N/A
Ingress Protection	
Size (mm)	

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

Model:GT-21089-W3BR

July 25, 2021

ENCLOSURE



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

Model:GT-21089-W3BR

July 25, 2021

RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-21089-1512-W3BR	12 V	1.25	15.00	RFQ

Model:GT-21089-W3BR

July 25, 2021

SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
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 full load
05. Output Ripple : 1% of output voltage, peak to peak, typical
06. Turn-ON/OFF: 5% maximum, 1 mS typical recovery time for 25% step load
07. Turn-ON Delay: 1 Second, typical
08. Hold-Up Time: 10 mS typical at nominal input voltage and full load
09. Inrush Current: 30A typical at 115Vac and 40A typical at 230Vac input
10. Switching Frequency: 100 KHz typical, varies with line and load
11. Efficiency: 75% typical at nominal input and full load

B) PROTECTION

01. Over-Voltage: limited by crowbar method
02. Over Load/Short Circuit: Momentary short circuit protected, output will auto recovery upon removal of short
03. Input Protection: Input line fusing

C) SAFETY

01. Dielectric Withstand Voltage: 4242 Vdc from primary to secondary (for Class II with functional ground)
02. Earth Leakage Current: <3.5mA at 264 Vac input voltage
03. Earth continuity test:<0.1Ω or < 0.2Ω when with a non-DETACHABLE POWER SUPPLY CORD

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 30°C ambient temperature
03. Humidity: 0% to 90% relative humidity
04. Storage Temperature: -10°C to 80°C
05. Cooling: Convection
06. RoHS 2: Complies with EU 2011/65/EU China SJ/T 11363-2006

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 74*49*40.5 +/-0.5 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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

Model:GT-21089-W3BR

July 25, 2021

DERATING CURVE

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

Model:GT-21089-W3BR

July 25, 2021

INPUT CONFIGURATION

Description The Brazilian NBR 14136:2002 is standard for Brazilian plugs and receptacle

This standard is based on the international IEC 60906-1 standard, developed to encourage countries to adopt one plug and receptacle for global use. The standard does not include a medical grade plug. Brazil uses 110-220 Volts and 60 Hz.

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

Model:GT-21089-W3BR

July 25, 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.

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

Model:GT-21089-W3BR

July 25, 2021

Approvals

Logo	
------	--