

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

Model:GT-22011

November 12, 2019

GT-22011

Information

Model Number GT-22011

Description GT-22011, ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8"), Output Rating: 50 Watts, Power rating with convection cooling (W) , 7.5-24V in 0.1V increments, Approvals: cUL 60950; CCC; CB 60950; CE; IP40; LPS; Double Insulation; GOST-R; China RoHS; Ukraine; RoHS; PSE;

Model Picture



Agency

Documents <http://globtek.info/certs/GT-22011/>

CE

EC-Declaration https://www.globtek.com/pdf/ec_declaration/a0O3000000A1YnvEAF

RoHS/RoHS2

Declaration https://www.globtek.com/pdf/rohs_cert/a0O3000000A1YnvEAF

REACH

Declaration https://www.globtek.com/pdf/iso_certificates/REACH.pdf

Conflict

Minerals <https://www.globtek.com/pdf/conflict-minerals.pdf>

Declaration

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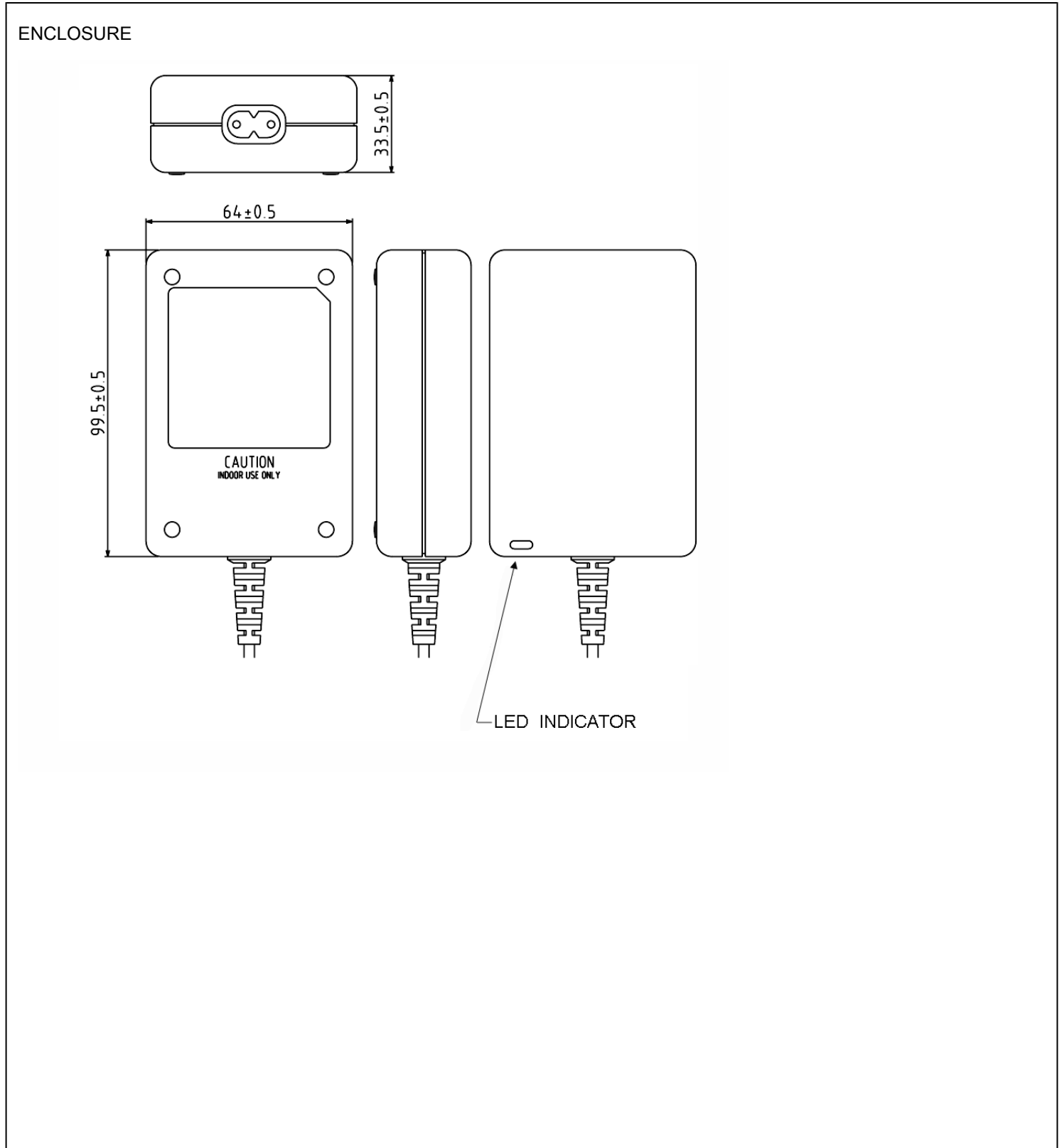
Model Parameters

Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	1.2A
Wattage (W)	50.0
Vout Range (V)	7.5-24
Efficiency Level	N/A
Ingress Protection	IP40
Size (mm)	99.5*64*33

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-22011-4508	7.5 V	6	45.00	RFQ
GT-22011-5009	9 V	5.5	49.50	RFQ
GT-22011-6012	12 V	5	60.00	RFQ
GT-22011-6015	15 V	4	60.00	RFQ
GT-22011-6018	18 V	3.3	59.40	RFQ
GT-22011-6022-2.020	V	3	60.00	RFQ
GT-22011-6022	22 V	2.7	59.40	RFQ
GT-22011-6024	24 V	2.5	60.00	RFQ

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/Turn OFF Overshoot: 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 Input 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: 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: <500 uA at 264Vac input voltage
03. 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
06. RoHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 99.5*64.0*33.5 +/-0.5 mm
03. LED indicator Green

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DERATING CURVE

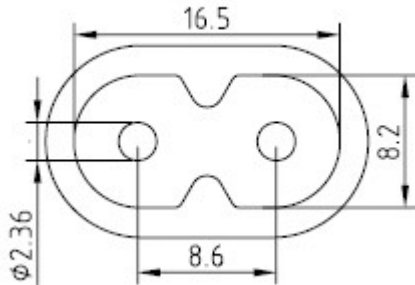
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Input Configuration

Description IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8")



Mates with IEC 60320/C7 Plug

Below are standard cordsets which are "not included" (unless stated above); these may be purchased separately or packaged with the power supply. Please contact your Sales Engineer if the style required is not shown below. Many more available in different lengths, colors or cable material.

Standard International IEC 320/C7 Cordsets

2094112M703(R) Argentina (Type I)	IRAM 2063	IEC 320/C7	20007
5014112M703A(R) Australian (Type I)	AS 3112	IEC 320/C7	20007
207B4111M8703(R) Brazil (Type N)	NBR14136	IEC 320/C7	18006
4533501M8703(R) China (Type A)	GB 2099.1	IEC 320/C7	18306
2074112M703A(R) European (Type C)	CEE 7/16	IEC 320/C7	20007
2084111M8703(R) India (Type M)	BS 546	IEC 320/C7	18006
451J3401M8703(R) Japan (Type A)	JIS 8303	IEC 320/C7	18306
2044112M703A(R) Korea (Type C)	KS C8305	IEC 320/C7	20007
4511116F703A(R) N. American (Type A)	NEMA 1-15P	IEC 320/C7	18306
4033401M8703A(R) Taiwan (Type A)	CNS690	IEC 320/C7	18306
6104112M703A(R) UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7	20007

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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 Report EN60950-1
	CCC certificate: GT-222011-5012-1.8 10.2 Volts Only GB4943.1-2011 GB9254-2008 GB17625.1-2012, ???????2000m?????? 仅适用于在海拔2000m以下地区使用
	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://en.globtek.com/globtek-rohs.php
	UL60950-1, cULus to UL 60950-1, 1st Edition, 2007-10-31 and CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07
	GOST-R mark for Russia(Document: http://www.globtek.com/html/iso_certificates/GT_GOST-R.pdf). 03/15/2015. Due to lack of demand, GlobTek will not be renewing it's GOST certification. Please contact your sales engineer for pricing on EAC.
	Indoor Use Only - Mark is on the label or Molded in the case
IP40	Ingress Protection: ?IP40 to IEC60529:2001 Protection against granular foreign bodies
LPS	Limited Power Source
	JAPAN TUV Rheinland-PSE GlobTek Inc to J60950-1(H26) , J55022(H22),J3000(H25).Please follow the procedure listed in the following link for proper import to Japan: http://en.globtek.com/importing-to-japan.php .
GlobTek, Inc.	
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 UKRSepto (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
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