

Model:GT-4203D

May 21, 2024

GT-4203D

Information

Model Number	GT-4203D
Description	GT-4203D, ICT/ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground, Output Rating: 20 Watts, Power rating with convection cooling (W) , 5/+12/-12V in 0.1V increments, Approvals: EAC; WEEE; China RoHS; CE; Ukraine; LPS; RoHS; cULus;

Model Picture



Agency Documents	http://www.globtek.info/certs/GT-4202(3)-SERIES/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0O30000008TSKyEAO
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0O30000008TSKyEAO
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	Desktop/External
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)	0.6A
Wattage (W)	20.0
Vout Range (V)	5/+12/-12
Efficiency Level	N/A
Ingress Protection	
Size (mm)	110*60*34

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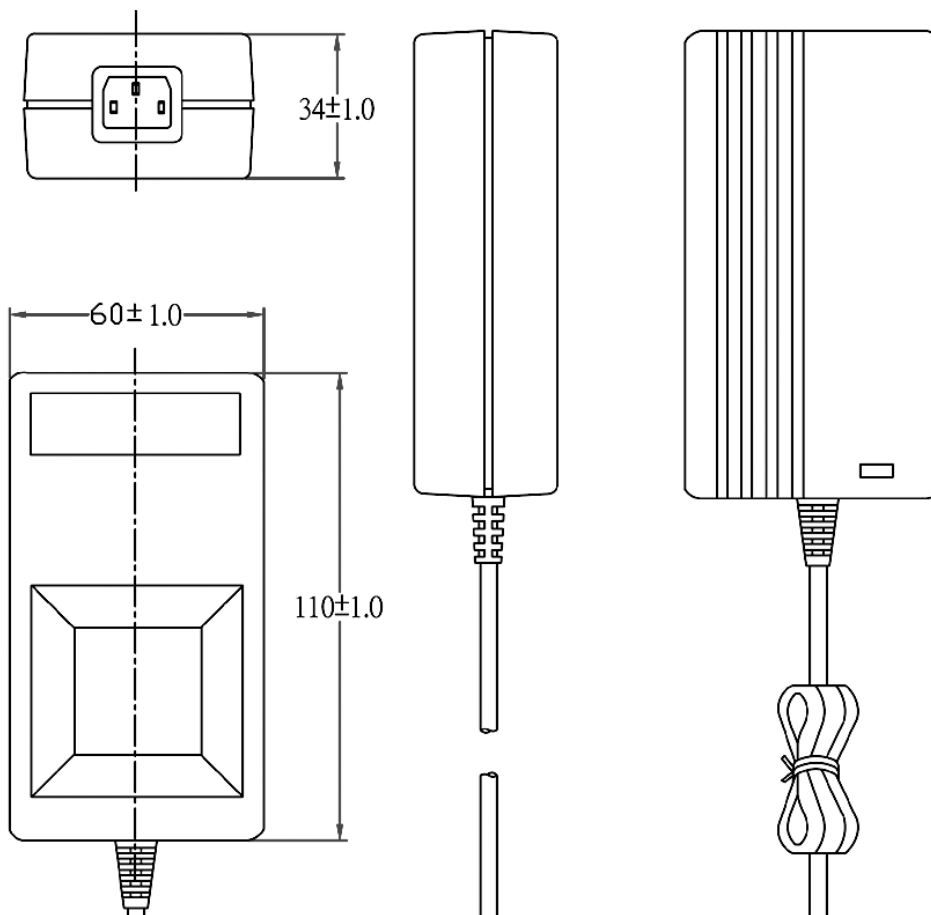
<https://www.globtek.com/ds/DR37Rwm7wEk/K9EXy7Ux7kt.html>

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ENCLOSURE



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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-4203D-1	V			RFQ

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SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-255 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Dual output and total output power 20watts max
04. Output voltage: +5V ,+12V, -12V
05. Maximum current: 2.0A ,1.0A, 0.2A
06. Minimum current: 0.2, 0.2, 0
07. Line regulation: $\pm 2\%$, $\pm 2\%$, $\pm 2\%$
08. Load regulation: $\pm 5\%$, $\pm 10\%$, $\pm 10\%$
09. Ripple: V(p-p) 100~240V AC (ull load)
10. Efficiency: 60% Min.

B) PROTECTION

01. Over-Voltage: voltage limited by crowbar method, output will auto-recover upon removal of over voltage
02. Short Circuit: Hiccup mode, output will autorecover upon removal of short
03. Over-load: Hiccup mode, output will auto-recover upon removal of overload
04. Input Protection: Input line fusing

C) SAFETY

01. Dielectric Withstand Voltage: 1500VAC or 2121VDC 10mA 1 minute.
02. Leakage current: 3.5mA
03. Insulation resistance: Input to output: 500vdc to test the input to output resistance not be less 100M ohm

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: -40°C to 70°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: 110 x 60 x 34 $\pm$ 1.0 mm
 03. Markings: Label and/or Pad Printed and/or Molded in the case
 04. Green LED for indicating Power On
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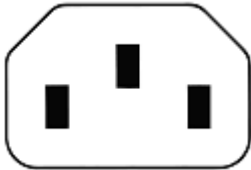
DERATING CURVE

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INPUT CONFIGURATION

Description IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground



Mates with IEC 60320/C13 Plug

Optional Locking IEC60320 Receptacle and cord option available on some models by request.:



[Standard International IEC 320/C13 Cordsets](#)

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

Stock Power Supply Cords

Part Number/ Link	Country	Plug	Termination	Length (mm)	(Ft)
3021457F701(R)	N. American (Type B)	NEMA 5-15P	IEC 320/C13	2150	7
1191068F0701(R)	N. American (Type B)	NEMA 5-15P Hospital	IEC 320/C13	2459	8
2194272M5701-T(R)	Argentina (Type I)	IRAM 2073	IEC 320/C13	2500	8
5502022M5701A(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C13	2500	8
204B4272M5701(R)	Brazil (Type N)	BRAZIL	IEC 320/C13	2500	8
6023602M5701(R)	China (Type I)	CCC GR2099	IEC 320/C13	2500	8
G8014272M5701(R)	Danish (Type K)	AFSNIT SECTION 107-2-D1	IEC 320/C13	2500	8
			IEC		

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23144272M5701-T(R)	Europe (Type E)	CEE 7/7	320/C13	2500	8
23134272M5701EUKR(R)	Europe/Korea Combo (Type E)	CEE 7/7 / KSC8305	IEC 320/C13	2500	8
205IN4272M5701(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	8
208IN4272M5701(R)	India (Type M)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	8
377C4272M5701(R)	Israel (Type H)	ISL 377C	IEC 320/C13	2500	8
23024272M5701(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C13	2500	8
3003339F701(R) [3x1.25mm2]	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C13	2500	8
3003068F2701-HK(R) [3 x 2.0mm2]					
302J115J6F0701J(R)	North America / Japan (Type B – 12A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	6
302J104J6F0701J(R)	North America / Japan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	6
302JT104J9F0701JT(R)	North America / Japan / Taiwan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved), Taiwan CNS 6797 (BSMI Approved)	IEC 320/C13	2800	9
2313K3432M5701(R)	Korea (Type F)	KS C 8305	IEC 320/C13	2500	8
5804272M5701(R)	Russia (Type F)	GOST 7396	IEC 320/C13	2500	8
2084272M5701(R)	South Africa (Type M)	South Africa SABS164-1 (16A type)	IEC 320/C13	2500	8
23214272M5701(R)	Switzerland (Type J)	SEV 1011	IEC 320/C13	2500	8
3003322M5701(R)	Taiwan (Type B)	BSMI	IEC 320/C13	2500	8
6363762M5701(R)	Thailand (Type O)	TIS 166-2549	IEC 320/C13	2500	8
PZ0800100-2M5BK13H(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS 1363A	IEC 320/C13	2500	8
7055002M5701A(R)	International	IEC 320 C14-C13	IEC 320/C13	2500	8

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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
	Attention Mark / Refer to operating manual for operating and service instructions
	Caution/Attention
	CE Mark: tested to comply with EN55022:2006/A1:2007 Class B, EN610003-2, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6 EMI: Complies with EN55011 CLASS B and FCC Part 15B - On label or Molded in the case
	CHINA SJ/T 11364-2014, China RoHS Chart: http://www.globtek.com/pdf/F-GT-DJD-8.4.1-006%20China%20RoHS%20Declaration.pdf
	UL60950-1, cULus to UL 60950-1, 2nd Edition, 2007-03-27 and CSA C22.2 No. 60950-1, 2nd Edition, 2007-03
	Certification # TC RU AR46.B.75423 Custom Union of Russia, Belarus and Kazakhstan
LPS	Limited Power Source 60950
RoHS	Specifications of directive 2011/65/EU Annex VI (ROHS-2) with amendment 2015/863/EU http://www.ce-mark.com/Rohs%20final.pdf
	Ukraine UKR Sepro (Document: www.globtek.com/html/iso_certificates/GT_Ukraine_UKR_Sepro.pdf)
	WEEE: Complies with EU 2012/19/EU (http://ec.europa.eu/environment/waste/wEEE-directive/) Mark is on the label or Molded in the case