

Model:GT-E3056**60VV-X.X-T3

May 9, 2025

LED Driver, Desktop/tabletop, 60W, Available in Constant Current and Constant Voltage 12 & 24VDC

Information

Model Number	GT-E3056**60VV-X.X-T3
Description	GT-E3056**60VV-X.X-T3, Class 2 Power Supply, Desktop/External, AC/DC LED Driver, , Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground, Output Rating: 60 Watts, Power rating with convection cooling (W) , 12-24V in 0.1V increments, Approvals: China RoHS; VCCI; RoHS; WEEE; CE; Risk of electrical shock; Ukraine; GOST-R; PSE;
Model Picture	
Agency Documents	http://www.globtek.info/certs/GT-E3056/
CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000MgtBiEAJ
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000MgtBiEAJ
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	AC/DC LED Driver
Category	Class 2 Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	1.0A
Wattage (W)	60.0
Vout Range (V)	12-24
Efficiency Level	V
Ingress Protection	
Size (mm)	153.0x60.0x39.7

PROPRIETARY INFORMATION

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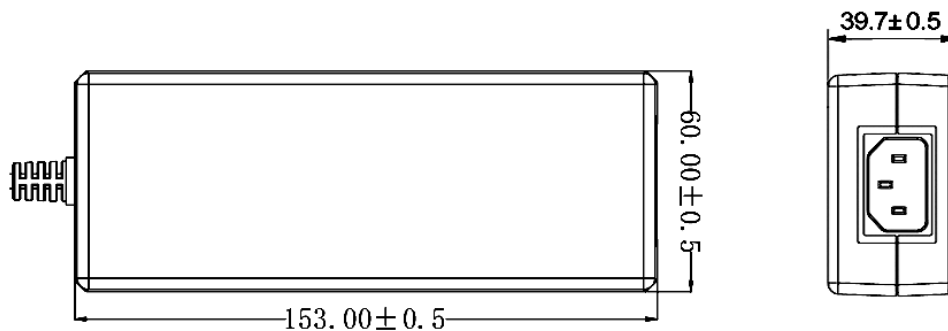
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ENCLOSURE



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May 9, 2025

RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-E3056CC7242	30-42 VDC V	1.71		RFQ
GT-E3056CV6012	12 V	5	60.00	RFQ
GT-E3056CV7224	24 V	3	72.00	RFQ

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May 9, 2025

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. Load Regulation: $\pm 5\%$ measured at the output connector
04. Line Voltage Regulation: $\pm 1\%$ typical measured at output connector
05. Output Noise & Ripple (mV): 150mV for 12V, 240 mV for 24V
06. Turn-ON Delay: In condition of input voltage being 100-240VAC , time for output voltage mounting up to 90% of rated voltage will be less than 3s.
07. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
08. Inrush Current: In ambient temperature of 25°C, Max input voltage 240VAC and full load conditon, input surge current being less than 60A.
09. Efficiency: 83% Typical
10. Power factor(PF): ≥ 0.9 (AC100-240V)
11. Harmonic distortion: THD $\leq 20\%$

B) PROTECTION

01. Input set 3.15A/250VAC fuse; When the input current is greater than the rated value, protector fusing;use the same fuse replacement
02. Short Circuit: When output short occurs, power supply enters into hiccup mode; when fault is removed, power supply recovers to normal operation
03. Over-voltage: When output over-voltage takes place power supply enters into hiccup mode; when fault is removed, power supply recovers to normal operation.
04. Over-temperature: Unit has over temperature protection

C) SAFETY

01. Dielectric Withstand Voltage: 3000Vac/5mA/60 seconds(testing time in production:3 seconds) primary to secondary
02. Earth Leakage Current: 0.35 mA at 240Vac input voltage
03. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: -20°C to 40°C ambient temperature
03. Humidity: 10% to 90% relative humidity
04. Storage Temperature: -30°C to 80°C
05. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006
06. Altitude: up to 4000 M
07. Vibration: Meet or exceed Scan frequency: 10 to 300Hz, acceleration: 1.0G(displacement:3.5mm), vibration for 1 hour by X,Y,Z.

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 153*60*39.7 +/-0.5 mm
03. Markings: Label, Silk Screen, or Laser Engraving at GlobTek option

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DERATING CURVE

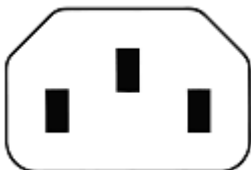
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May 9, 2025

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
23144272M5701-T(R)	Europe (Type E)	CEE 7/7	IEC 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

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May 9, 2025

208IN4272M5701(R)	India (Type M)	India IS 1293 (also known as IA16A3 or BS546)	IEC320/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
	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
	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
 GlobTek, Inc.	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: https://www.globtek.com/r2/Szj4Vb
	Risk of electrical shock
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
 10276	Ukraine UKRSepro (Document: www.globtek.com/html/iso_certificates/GT_Ukraine.pdf)
	Japan: Voluntary Control Council for Interference (VCCI)

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	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
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