

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

Model:GTDP61200-120VV(open frame)

May 1, 2024

GTDP61200-120VV(open frame)

Information

Model Number	GTDP61200-120VV(open frame)
Description	GTDP61200-120VV(open frame), ICT/ITE Power Supply, Open Frame/Internal, DC-DC, , Input Rating: 12-32 VDC, See "Blade/Cord Installed" section. Contact GlobTek for customization requests such as Molded country plugs, Molex or TE connectors, or IEC connectors mounted on any type of cable in any customer specified lengths., Output Rating: 120 Watts, Power rating with convection cooling (W) , 24V in 0.1V increments, Approvals: EAC;

Model Picture



Agency Documents

CE EC-Declaration	https://www.globtek.com/pdf/ec_declaration/a0Oa000000Jh9IEAD
RoHS/RoHS2 Declaration	https://www.globtek.com/pdf/rohs_cert/a0Oa000000Jh9IEAD
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	Open Frame/Internal
Technology	DC-DC
Category	ICT/ITE Power Supply
Input Voltage	12-32 VDC
I/P Amps (A)	Max.
Wattage (W)	120.0
Vout Range (V)	24
Efficiency Level	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782
Ingress Protection	
Size (mm)	134(L)*54(W)*30.5(H)

PROPRIETARY INFORMATION

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ENCLOSURE

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RATING TABLE

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
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SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

- 01. Input Voltage: 12~32Vdc
- 02. Input current: Maximum 15A
- 03. Output Current(Max.): 5.0A
- 04. Output Power(Max.): 120W
- 05. Output Ripple & Noise : 240mV max
- 06. Efficiency: ≥85%

B) PROTECTION

- 01. Over voltage protection: autorecovery
- 02. Limit current protection: Optional
- 03. Short-circuit protection: autorecovery

C) SAFETY & EMC

- 01. CE, LVD
- 02. MET IEC60601 test report

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: -20°C to 85°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: 134*54*30.5 mm +/-1.0 mm
- 03. Markings: Label and/or Pad Printed and/or Molded in the case

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DERATING CURVE

N/A

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INPUT CONFIGURATIONDescription


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Approvals

Logo	Description
	Declaration ДС № EAЭC N RU Д-US.KA01.B.10453_19 Custom Union of Russia, Belarus and Kazakhstan http://www.globtek.com/redirect/?loc=gost-certificate-eac-declaration