

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	<a href="https://www.globtek.com/pdf/ec_declaration/a0Oa000000Jh9IEAD">https://www.globtek.com/pdf/ec_declaration/a0Oa000000Jh9IEAD</a>
RoHS/RoHS2 Declaration	<a href="https://www.globtek.com/pdf/rohs_cert/a0Oa000000Jh9IEAD">https://www.globtek.com/pdf/rohs_cert/a0Oa000000Jh9IEAD</a>
REACH Declaration	<a href="https://www.globtek.com/pdf/iso_certificates/REACH.pdf">https://www.globtek.com/pdf/iso_certificates/REACH.pdf</a>
Conflict Minerals Declaration	<a href="https://www.globtek.com/pdf/conflict-minerals.pdf">https://www.globtek.com/pdf/conflict-minerals.pdf</a>

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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)

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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 CONFIGURATION**Description


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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 <a href="http://www.globtek.com/redirect/?loc=gost-certificate-eac-declaration">http://www.globtek.com/redirect/?loc=gost-certificate-eac-declaration</a>