

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

Model:GT-X62000P-XXXVV-P2

April 3, 2020

## GT-X62000P-XXXVV-P2

### Information

Model Number	GT-X62000P-XXXVV-P2
Description	GT-X62000P-XXXVV-P2, ITE Power Supply, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, 2 COND: H03VVH2-F 18AWGX3C8-4X7, Stripped & Tinned, Output Rating: 200 Watts, Power rating with convection cooling (W) , 24V in 0.1V increments, Approvals: EAC; Level VI; WEEE; VCCI; IP67; Double Insulation;

### Model Picture



Agency Documents	<a href="http://en.globtek.com/safety-agency-documents-pending/">http://en.globtek.com/safety-agency-documents-pending/</a>
CE EC-Declaration	<a href="https://www.globtek.com/pdf/ec_declaration/a0Oa000000FiCzeEAF">https://www.globtek.com/pdf/ec_declaration/a0Oa000000FiCzeEAF</a>
RoHS/RoHS2 Declaration	<a href="https://www.globtek.com/pdf/rohs_cert/a0Oa000000FiCzeEAF">https://www.globtek.com/pdf/rohs_cert/a0Oa000000FiCzeEAF</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**

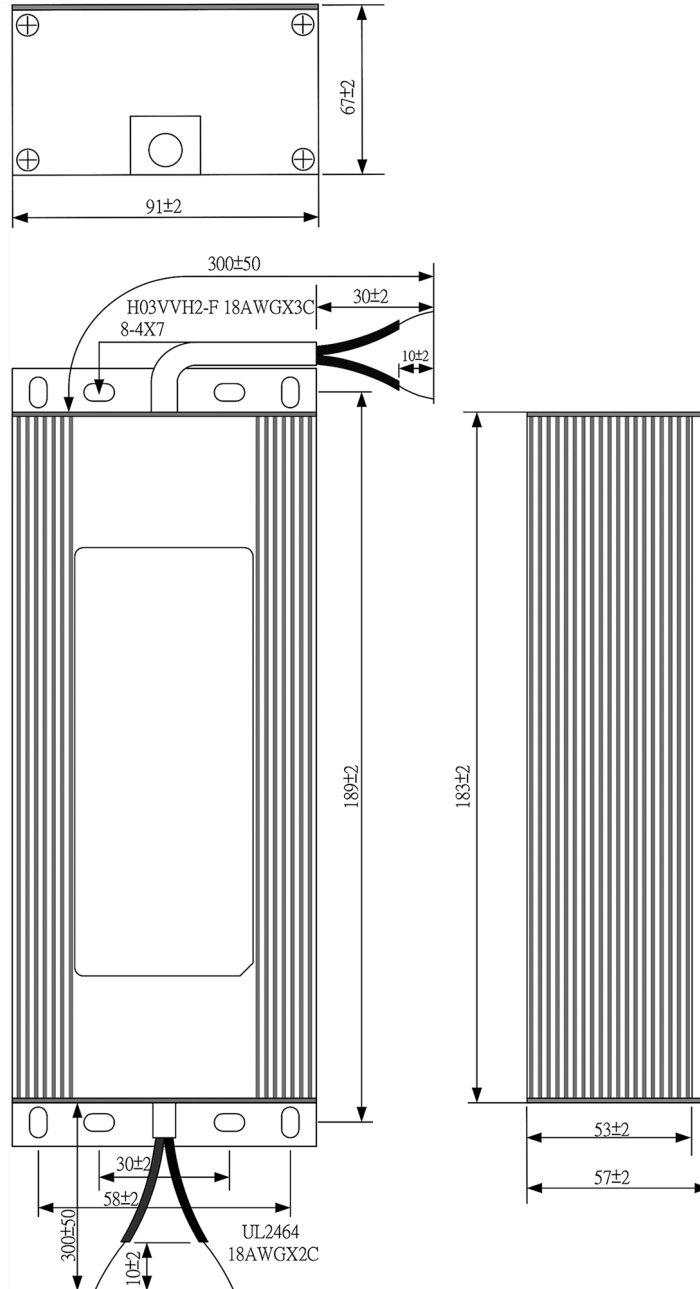
Type	Desktop/External
Technology	Regulated Switchmode AC-DC Power Supply AC Adaptor
Category	ITE Power Supply
Input Voltage	100-240V~, 50-60 Hz
I/P Amps (A)	1.8 A
Wattage (W)	200.0
Vout Range (V)	24
Efficiency Level	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782
Ingress Protection	IP67
Size (mm)	189*58*57

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ENCLOSURE



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**RATING TABLE**

Model Number	Voltage	Amps(A)	Watts(W)	RFQ
GT-X62000P-19224-P2	24 V	8	192.00	<a href="#">RFQ</a>

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## 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. Inrush Current: Peak inrush current shall be limited 30A for a cold start.
04. Average Efficiency: 90% Min. at rated input and output
05. Input power(no load): < 0.21W
07. Output Voltage tolerance:  $\pm 5\%$
08. Line regulation:  $\pm 1\%$
09. Output Voltage: Tolerance  $\pm 5\%$
10. Ripple Voltage: 240mV peak to peak Max.

### B) PROTECTION

01. The product includes current fuse type 250V 5A located within input circuit.
02. Short circuit protection: Output shut down and auto restart

### D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
  02. Operating Temperature: -29°C to 45.5°C ambient temperature
  03. Humidity Operating : 20% to 80%. 0% to 90% relative humidity
  04. Storage Temperature: -40°C to 75°C
- Humidity Storage: 10% to 90%
05. RoHS 2: Complies with EU 2011/65/EU and China GB/T26572-2011

### E) ENCLOSURE

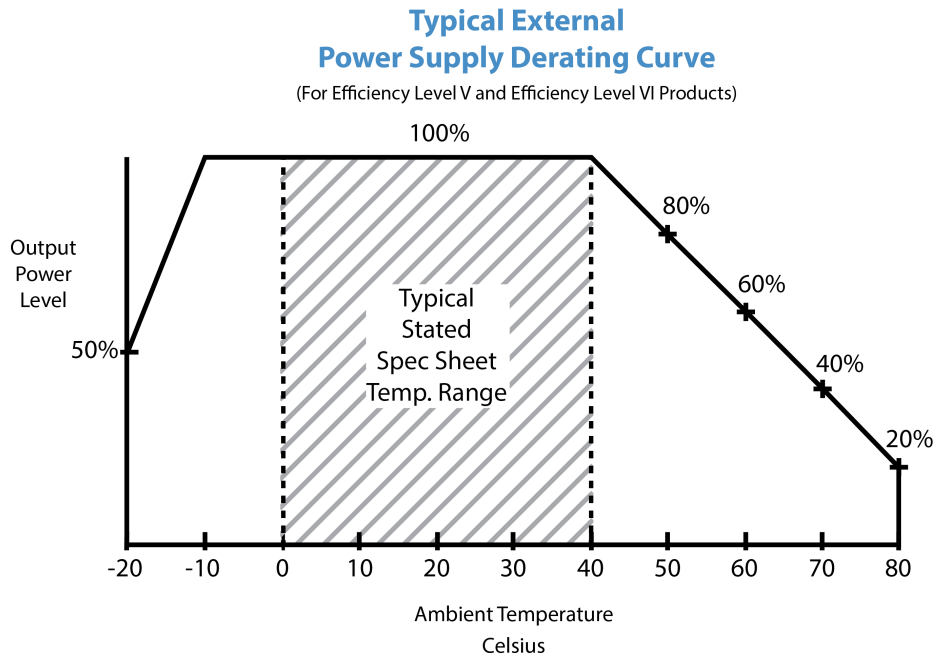
01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
  02. Size: 189 x 58 x 57 +/-2.0 mm
  03. Weight : 200 g
-

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## DERATING CURVE



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**INPUT CONFIGURATION**

Description	
	2 COND: H03VVH2-F 18AWGX3C8-4X7, Stripped & Tinned

**PROPRIETARY INFORMATION**

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<http://en.globtek.com/datasheet/id/a0Oa000000FiCze>

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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
	Declaration ДС № EAЭС 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>
IP67	Ingress Protection: ?IP67 to IEC60529:2001 Totally dust tight and Protected against temporary immersion
EFFICIENCY LEVEL 	Efficiency: complies to section 301 of Energy Independence and Security Act (EISA) complies with Energy Star tier 2 (North America), ECP tier 2 (China), MEPS tier 2 (Australia), Code of Conduct (Europe)
	Morocco SDoC declaration <a href="http://www.globtek.info/certs/Morocco%20SDoC%20Declaration/">http://www.globtek.info/certs/Morocco%20SDoC%20Declaration/</a>
	Japan: Voluntary Control Council for Interference (VCCI)
	WEEE: Complies with EU 2012/19/EU ( <a href="http://ec.europa.eu/environment/waste/weee/index_en.htm">http://ec.europa.eu/environment/waste/weee/index_en.htm</a> ) Mark is on the label or Molded in the case