


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

Model:GT-41130-20VV-W2A

October 7, 2022

GT-41130-20VV-W2A

Information

| | |
|-------------------------------|---|
| Model Number | GT-41130-20VV-W2A |
| Description | GT-41130-20VV-W2A, ICT/ITE Power Supply, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, , Input Rating: 100-240V~, 50-60 Hz, , Output Rating: 24 Watts, Power rating with convection cooling (W) , 12-24V in 0.1V increments, Approvals: CB 60950; |
| Model Picture |  |
| Agency Documents | GT-41130-20VV-W2/W2E |
| CE EC-Declaration | https://www.globtek.com/pdf/ec_declaration/a0Oa000000BzyDKEAZ |
| RoHS/RoHS2 Declaration | https://www.globtek.com/pdf/rohs_cert/a0Oa000000BzyDKEAZ |
| 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 | Wall Plug-in |
| 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) | |
| Wattage (W) | 24.0 |
| Vout Range (V) | 12-24 |
| Efficiency Level | V |
| Ingress Protection | |
| Size (mm) | 50*81*31 |

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ENCLOSURE

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RATING TABLE

| Model Number | Voltage | Amps(A) | Watts(W) | RFQ |
|-----------------------|---------|---------|----------|---------------------|
| GT-41130-2016-6.0-W2A | 10 V | 2 | 20.00 | RFQ |
| GT-41130-2016-4.0-W2A | 12 V | 2 | 24.00 | RFQ |
| GT-41130-2016-1.0-W2A | 15 V | 1.6 | 24.00 | RFQ |
| GT-41130-2016-W2A | 16 V | 1.5 | 24.00 | RFQ |
| GT-41130-2024-6.0-W2 | 18 V | 1.33 | 23.94 | RFQ |
| GT-41130-2024-W2A | 24 V | 1 | 24.00 | RFQ |

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. Output Ripple (Vp-p): +/-1% or 150 mV whichever is greater, measured at 20 MHz bandwidth with 0.1 uf ceramic capacitor in parallel with 10 uf electrolytic capacitor connected at the end of the output connector at nominal line
04. Turn-ON/OFF Overshoot: 5% maximum, 1 mS typical recovery time for 25% step load
05. Turn-ON Delay: 1 second, typical
06. Hold-Up Time: 8 mS typical at nominal input voltage and full load
07. Inrush Current: 30A typical at 115VAC input and 60A typical at 230VAC input
08. Switching Frequency: 65 KHz typical

B) PROTECTION

01. Over-Voltage: Protected Zener clamp across the output
02. Short Circuit: Protected unit will auto recover upon removal of fault
03. Input Protection: Input line fusing

C) SAFETY

01. Dielectric Withstand Voltage: 4242Vdc from primary to secondary
02. Touch Current: <0.25mA @ 240Vac input voltage

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: -10°C to 80°C
05. Cooling: Convection

E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 47.6*82.7*37.7mm +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

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DERATING CURVE

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INPUT CONFIGURATION

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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 |
|---------|---|
| No Logo | CB Certificate IEC 60950-1:2005 (2nd Edition), Am 1: 2009 + Am 2:2013 |