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All Categories > Switchmode Power Supplies > 15 Watts, Wall Plug-In, Switchmode Power Supply, N.A., European, U.K., SAA Universal Input, ITE, Class II > Model # GT-41052-1506

Request Information**Add To Cart****Request Quote****Model # GT-41052-1506****QUOTE**[Printable Page](#)[Email This Page](#)[Save To Favorites](#)**INPUT VOLTAGE:**

100-240 VAC

INPUT CURRENT:

< 0.6 A RMS MAX

INPUT FREQUENCY:

47 - 63 Hz

OUTPUT CURRENT:

NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED

OUTPUT POWER (RATED):

15 WATTS MAX

OUTPUT RIPPLE (PEAK TO PEAK):

100 mV

OUTPUT REGULATION (LINE/LOAD):

±5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR

LINE REGULATION:

±1 % MAX AT FULL LOAD

TURN ON/ TURN OFF OVERSHOOT:

4% MAX 500 µs MAX RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:

3000 mSEC MAX

HOLD-UP TIME:

16 mSEC MIN AT NOMINAL INPUT AND FULL LOAD

INRUSH CURRENT:

30 A MAX AT COLD START 120 VAC, 60 A MAX COLD START 230 VAC

SWITCHING FREQUENCY:

66.5 kHz TYPICAL

OVER-VOLTAGE PROTECTION:

VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE

OVER-CURRENT / SHORT CIRCUIT:

HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 IO

OTHER PROTECTION:

INPUT FUSING

SAFETY APPROVALS:

UL60950, CUL TO 22.2# 950, DEMKO TO EN60950-12001, AS/NZ 60950-1 CCC TO GB4943-2001, GB9254-1998, GB17625.1-2003, CE CLASS II, PSE TO J60950, AS/NZ 60950, CB REPORT, ARGENTINA S-MARK TO IEC 60950-1: 10/2001, TAIWAN BSMI TO CNS14336 (12V), SINGAPORE SPRING TO IEC60950-1:2001, VCCI

DIELECTRIC WITHSTAND VOLTAGE:

3000 VAC PRIMARY-SECONDARY

LEAKAGE CURRENT:

≤ 0.25 mA

LINE SURGE:

EN 61000-4-5 LEVEL 4

EMI:**MORE IMAGES**[Top View](#)**DOWNLOADS**
[Technical Glossary](#)
(PDF, 248KB)

COMPLIES WITH EN55022 CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED.

CE MARK:

TESTED TO COMPLY WITH EN61000-3-2 EN61000-3-3 AND EN50082-1, INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11, LEVEL 4. UNIT IS ELIGIBLE FOR CE MARK.

C-TICK:

TESTED TO COMPLY WITH RADIO TELECOMMUNICATIONS ACT OF 1992

MTBF:

GREATER THAN 200,000 HOURS AT 25°C AMBIENT TEMPERATURE

AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0°C TO 40°C

STORAGE TEMPERATURE:

-40°C TO 80°C

HUMIDITY:

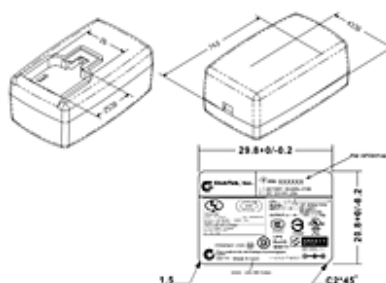
0% TO 90% RELATIVE HUMIDITY

SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE CONSULT GLOBTEK CUSTOMER SERVICE FOR LATEST SPECIFICATIONS.

HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK, CUSTOMER SPECIFIED COLOR AVAILABLE UPON REQUEST.



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Unit of Measure: ☐ Imperial | ☐ Metric | ☒ Both

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Specifications

Input Voltage Range (AC)	100 to 240 V
Output Voltage (DC)	6 V
Output Current ?	0 to 2.5 A
Application Features	 Functional Ground  Indoor Use Only

Output Family	Single
Application	ITE
Input Configuration	Wall Plug-In
Class I	No
Class II	Yes
Energy Star	Yes
RoHS/WEE	Yes
Max. Current	2.50 A
Model ?	External Wall Plug-In Models [NEMA 1-15P/Japan], External Wall Plug-In Models [NEMA 5-15P/Japan], External Wall Plug-In Models [Euro-CEE7/16], External Wall Plug-In Models [UK-BS], External Wall Plug-In Models [Australian-AS/NZ], [Interchangeable]
EMI	Complies with EN55022 Class B and FCC part 15 Class B when tested with a resistive load, both conducted and radiated.
CE Mark	Tested to comply with EN61000-3-2 EN61000-3-3 and EN50082-1, including EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11, level 4. Unit is eligible for CE mark
C-Tick	Tested to comply with radio telecommunication act of 1992.
MTBF ?	> 200000 hrs
Operating Temperature	0 to 40 °C
Storage Temperature	-40 to 80 °C
Relative Humidity	0 to 90 %

Electrical Specifications

Power Range	0 to 15 W
Max. Input Current (RMS)	< 0.6 A
Input Frequency	47 to 63 Hz
Output Regulation (Line/Load) ?	±5%
Line Regulation ?	±1.0%
Max. Turn On/Turn Off Overshoot ?	4%
Hold-Up Time ?	16 ms
Inrush Current ?	30 A 60 A
Typical Switching Frequency	66.5 kHz
Over-Voltage Protection	Voltage limited less 130% of nominal voltage
Over-Current/Short Circuit	HICCUP With Auto Recovery To 1.1 - 1.3 IO

Other Protection	Input Fusing
Dielectric Withstand Voltage	3000 VAC Primary-Secondary
Line Surge	EN 61000-4.5 Level 4

Mechanical Specifications

Length	74 mm
Width	43.5 mm
Height	34 mm
Weight	198 grams 7.1 oz

Agency Approvals

Agency Approvals	 CB  CE  cUL 60950  EMC  S
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Notes

1. Each output current may vary within it's designation range, as long as output power is not exceeded.
2. Single output may vary from 5 VDC-24 VDC in 0.1 V increments
3. (-Y.Y) Optional for specifying output voltage deviation from listed ratings. subtract Y.Y from rated voltage.

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