



ISO 9001:2008
REGISTERED

GT-41062



**18 Watts, Wall Plug-In Switching Power Supply,
N.A., EURO. UK, SAA Universal Input, ITE, Class II, Level V**

Part Number Ordering System (See Page 302)



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90-264 VAC

INPUT CURRENT:
< 0.6 A RMS MAX

INPUT FREQUENCY:
47 - 63 HZ

OUTPUT VOLTAGE:
SEE TABLE BELOW

OUTPUT CURRENT:
NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED

OUTPUT POWER (RATED):
18 WATTS MAX

SWITCHING FREQUENCY

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 500µS 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, 60A MAX
COLD START 230VAC

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:
UL60950-1, CUL TO 22.2# 950, INNOVA TO EN60950-1, CCC TO GB4943-2001, GB9254-1998, GB17625.1-2003, AS/NZ TO 60950-1, CE CLASS II, PSE TO J60950, CB REPORT

DIELECTRIC WITHSTAND VOLTAGE:
3000VAC PRIMARY-SECONDARY

LEAKAGE CURRENT:

< 0.25 mA
LINE SURGE:
EN 61000-4-5 LEVEL 4

EMI:

COMPLIES WITH EN55022 CLASS B, VCCI 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 AUSTRALIA SECTION 182 OF THE RADIO COMMUNICATION ACT OF 1992

EFFICIENCY:

7.0 V AND ABOVE COMPLIES WITH ENERGY STAR TIER 2 (NORTH AMERICA), CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CODE OF CONDUCT (EUROPE)

MTBF:

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

OPERATING TEMPERATURE:

0°C TO 40° C

STORAGE TEMPERATURE:

-40°C TO 80° C

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

ROHS:

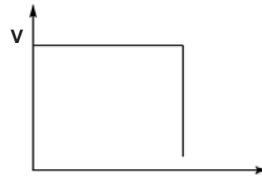
COMPLIES WITH 2002/95/EC

WEEE:

COMPLIES WITH 2002/96/EC

NOTES:

- DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE
- EACH OUTPUT CURRENT MAY VARY WITHIN ITS DESIGNATION RANGE, AS LONG AS OUTPUT POWER IS NOT EXCEEDED.
 - SINGLE OUTPUT MAY VARY FROM 5VDC-24VDC IN 0.1V INCREMENTS
 - (-Y.Y) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM LISTED RATINGS. SUBTRACT Y.Y FROM RATED VOLTAGE



OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	PART NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-41062-1505	WR9QA3200XXX-N	+5.0	0 - 3.0	0 - 15
GT-41062-1806-X.X	WR9QB3000XXX-N	+6.0	0 - 3.0	0 - 18
GT-41062-1807-X.X	WR9QC2570XXX-N	+7.0	0 - 2.57	0 - 18
GT-41062-1809-X.X	WR9QD2000XXX-N	+9.0	0 - 2.0	0 - 18
GT-41062-1812-X.X	WR9QE1500XXX-N	+12.0	0 - 1.5	0 - 18
GT-41062-1815-X.X	WR9QG1200XXX-N	+15.0	0 - 1.2	0 - 18
GT-41062-1818-X.X	WR9QH1000XXX-N	+18.0	0 - 1.0	0 - 18 (V)
GT-41062-1820-X.X	WR9QZ900XXX-N	+20.0	0 - 0.9	0 - 18 (V)
GT-41062-1824-X.X	WR9Q750XXX-N	+24.0	0 - 0.75	0 - 18 (V)

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



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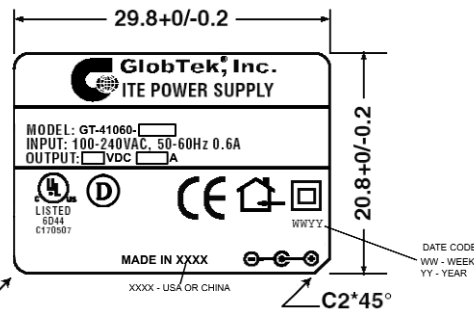
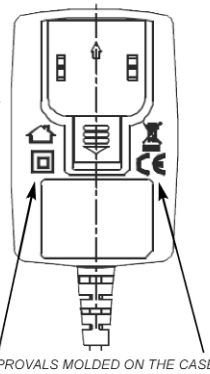
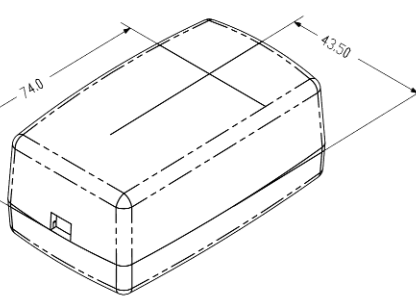
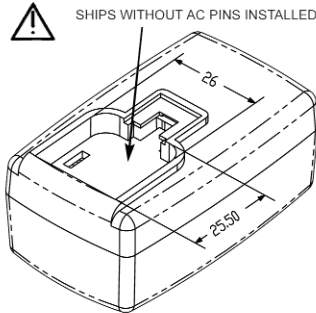
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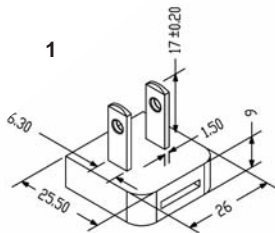
ENCLOSURE

UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK
 LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK
 SIZE: 74 x 43.5 x 34 mm

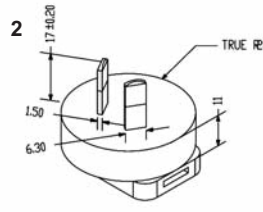


INPUT CONNECTOR:
 Pins or Kits must be ordered separately

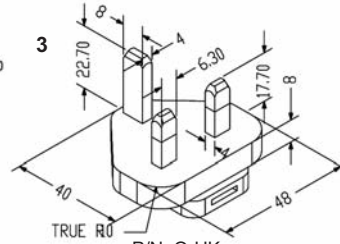
1. CLASS II MODEL NEMA 1-15P AC POWER PLUG WITH 2 PRONGS, Q-NA
2. AUSTRALIAN CONFIGURATION: SAA 2 PINS CLASS II, Q-SAA
3. UK CONFIGURATION: UK 2 PINS CLASS II, Q-UK
4. EUROPEAN CONFIGURATION: EUROPLUG 2 PINS, CLASS II, Q-EU
5. KOREAN CONFIGURATION, Q-KR
6. ARGENTINA CONFIGURATION, Q-AR



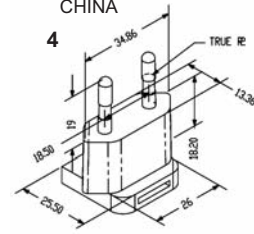
P/N: Q-NA
 NORTH AMERICA
 JAPAN
 CHINA



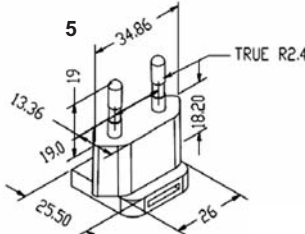
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 AUSTRALIA
 CHINA



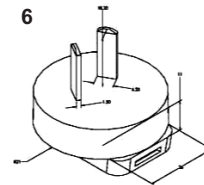
P/N: Q-UK
 UNITED KINGDOM
 HONG KONG
 SINGAPORE



P/N: Q-EU
 EUROPE
 SOUTH AMERICA



P/N: Q-KR
 KOREA



P/N: Q-AR
 ARGENTINA

NOTE: FOR OTHER OUTPUT CONNECTOR OPTIONS, SEE OUTPUT/PLUG/CORD OPTIONS PAGE.

