



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. CERTIFIED COMPLIANCE WITH IP52 PER IEC60529:2001

**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:**

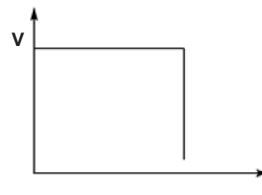
COMPLIES WITH 2002/95/EC

**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
GT-41062-1820-X.X	WR9QZ900XXX-N	+20.0	0 - 0.9	0 - 18
GT-41062-1824-X.X	WR9Q750XXX-N	+24.0	0 - 0.75	0 - 18

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



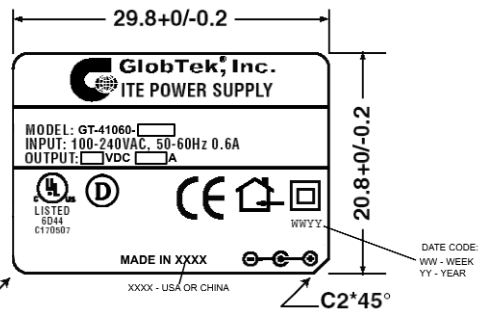
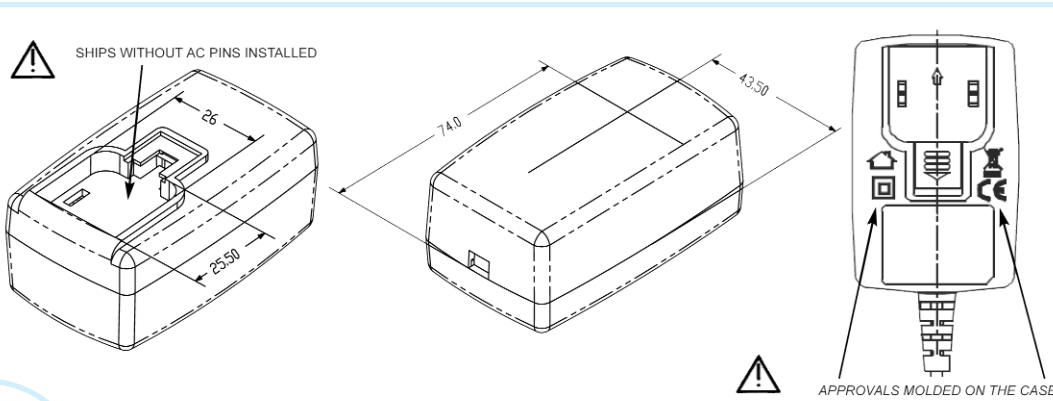
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**ENCLOSURE**

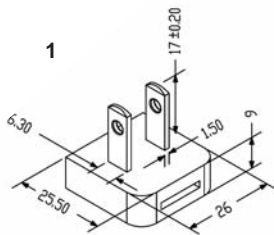
**UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK**  
**LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON- VENTED, COLOR BLACK**  
**SIZE: 74 x 43.5 x 34 mm**



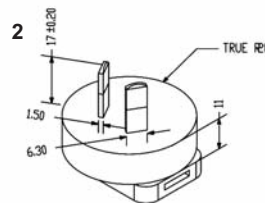
**INPUT CONNECTOR:**

Pins or Kits must be ordered separately

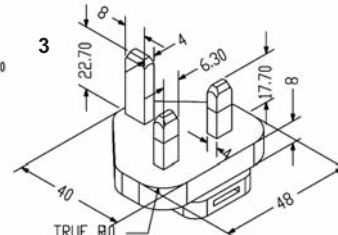
1. CLASS II MODEL NEMA 1-15P AC POWER PLUG WITH 2 PRONGS, Q-NA
2. AUSTRALIAN CONFIGURATION: SAA 2 PINS CLASS II, Q-SAA
3. UK CONFIGURATION: UK 2 PINS CLASS II, Q-UK
4. EUROPEAN CONFIGURATION: EUROPLUG 2 PINS, CLASS II, Q-EU
5. KOREAN CONFIGURATION, Q-KR
6. ARGENTINA CONFIGURATION, Q-AR



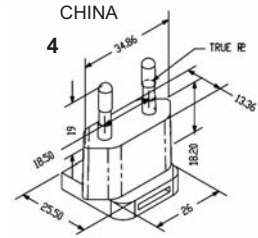
P/N: Q-NA  
NORTH AMERICA  
JAPAN  
CHINA



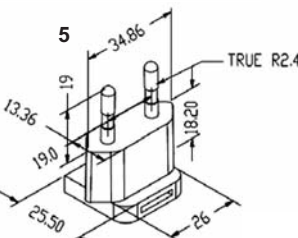
P/N: Q-SAA  
AUSTRALIA  
CHINA



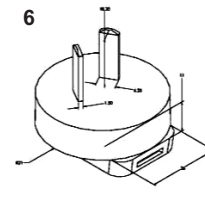
P/N: Q-UK  
UNITED KINGDOM  
HONG KONG  
SINGAPORE



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.**

