



ISO 9001:2008
REGISTERED

GT-81088-WWVV-X.X-W2A



**6 Watts, Wall Plug-In Switching Power Supply,
Australia, SAA Universal Input, ITE, Class II, Level V**



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:

100-240 VAC

INPUT CURRENT:

0.2 AMP RMS MAX

INPUT FREQUENCY:

47-63Hz

OUTPUT VOLTAGE:

SEE TABLE BELOW

OUTPUT CURRENT:

SEE TABLE BELOW. NO MINIMUM LOAD REQUIRED TO
MAINTAIN OUTPUT VOLTAGE REGULATION

OUTPUT POWER (RATED):

SEE TABLE BELOW

OUTPUT LOAD REGULATION:

+/- 5% MEASURED AT O/P CONNECTOR

LINE VOLTAGE REGULATION:

+/- 2% TYPICAL MEASURED AT THE OUTPUT CONNECTOR

OUTPUT RIPPLE (PEAK TO PEAK):

+/-1% OR 150 mV WHICHEVER IS GREATER AT NOMINAL
OUTPUT VOLTAGE. MEASURED AT 20 MHz BANDWIDTH
WITH 0.1µF CERAMIC CAPACITOR IN PARALLEL WITH
10 µF ELECTROLYTIC CAPACITOR CONNECTED AT THE
END OF THE OUTPUT CONNECTOR.

TURN-ON/TURN-OFF OVERSHOOT:

5% MAX 500µS MAX RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:

3000 mSEC MAX

HOLD-UP TIME:

5 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:

50 KHz TYPICAL

PROTECTION

OVER-VOLTAGE:

PROTECTED. UNIT WILL AUTORECOVER UPON REMOVAL
OF FAULT

SHORT CIRCUIT:

PROTECTED. UNIT WILL AUTORECOVER UPON REMOVAL
OF FAULT

INPUT:

INPUT LINE FUSING

SAFETY:

DIELECTRIC WITHSTAND VOLTAGE:

4242 VDC FROM PRIMARY TO SECONDARY, 2121 VDC
PRIMARY -GROUND

EARTH LEAKAGE:

<0.25 mA AT 240 VAC INPUT VOLTAGE

APPROVALS

SAFETY APPROVAL:

UL60950-1 2ND ED, CUL TO 22.2 #60950-1, NEMKO TO
EN60950-1 2ND ED, CCC TO GB4943-2001, GB9254-1998,
GB17625.12003 (PENDING), GOST-R. CE CLASS II, AS/NZ TO
60950 (PENDING), C-TICK TO 55022 (PENDING), PSE TO
J60950, CB REPORT

EMI:

COMPLIES WITH EN55022 CLASS B AND FCC PART 15 CLASS
B, VCCI WHEN TESTED WITH RESISTIVE LOAD, BOTH CON-
DUCTED AND RADIATED EMI

CE MARK:

TESTED TO COMPLY WITH EN55022:2006/A1:2007 CLASS B,
EN610003-2, EN610003-3, INCLUDING EN61000-4-2, EN61000-4-
3, EN61000-4-4, EN61000-4-5, EN61000-4-6N EN61000-4-11

C-TICK:

TESTED TO COMPLY WITH AUSTRALIA SECTION 182 OF
THE RADIO COMMUNICATION ACT OF 1992.

EFFICIENCY:

COMPLIES TO SECTION 301 OF ENERGY INDEPENDENCE
AND SECURITY ACT (EISA)

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

OTHERS

MTBF:

200,000 HOURS AT 25°C AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0°C TO 40° C

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

STORAGE TEMPERATURE:

20°C TO 60° C

ROHS:

COMPLIES WITH EU 2002/95/EC AND CHINA SO/T 11363-2006

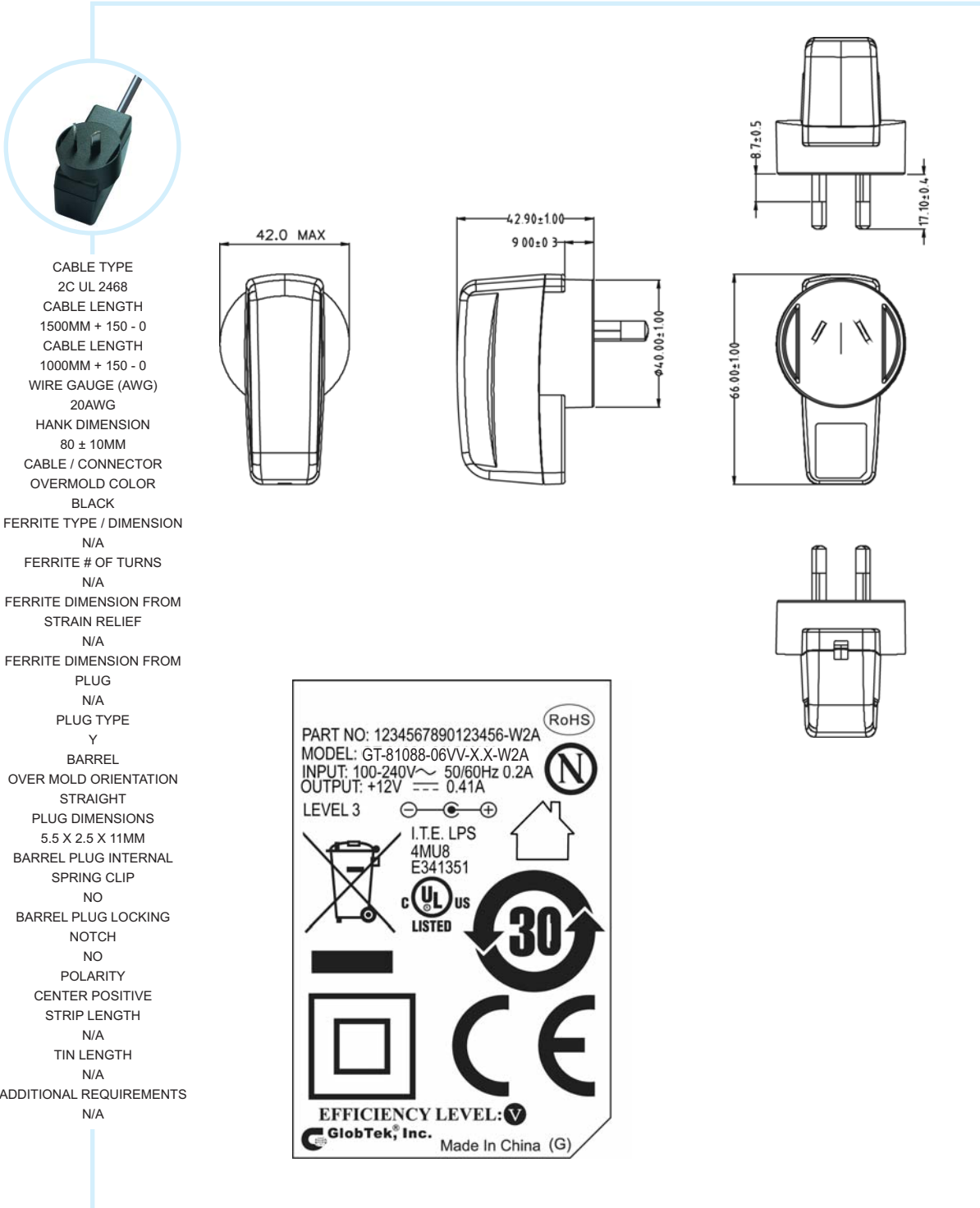
OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-81088-067.5-2.3-W2A	+5.2	0 - 1.0	0 - 5.2
GT-81088-067.5-1.0-W2A	+6.0	0 - 0.83	0 - 4.98
GT-81088-067.5-W2A	+7.5	0 - 0.8	0 - 6
GT-81088-0612-4.0-W2A	+8.0	0 - 0.75	0 - 6
GT-81088-0612-W2A	+12.0	0 - 0.5	0 - 6

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

**6 Watts, Wall Plug-In Switching Power Supply,
Australia, SAA Universal Input, ITE, Class II, Level V****ENCLOSURE:**

MATERIAL: 94V-0 POLYCARBONATE. COLOR: BLACK
DIMENSIONS: 25.0 x 66.0 x 34.0mm +/- 1.0



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