

**ELECTRICAL SPECIFICATIONS:****INPUT VOLTAGE:**

100-240 VAC

INPUT CURRENT:

0.7 AMP RMS MAX

INPUT FREQUENCY:

47-63 Hz

OUTPUT VOLTAGE:

SEE TABLE BELOW

OUTPUT CURRENT:

SEE TABLE BELOW

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. MEASURED AT 20 MHz BANDWIDTH WITH 0.1 μ f CERAMIC CAPACITOR IN PARALLEL WITH 10 μ f ELECTROLYTIC CAPACITOR CONNECTED AT THE END OF OUTPUT CONNECTOR AT NOMINAL LINE

TURN-ON/TURN-OFF OVERSHOOT:

5% MAXIMUM, 500 μ s TYPICAL RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:

1 SECOND, TYPICAL

HOLD-UP TIME:

5ms MINIMUM AT NOMINAL INPUT VOLTAGE AND FULL LOAD

INRUSH CURRENT:

30A TYPICAL AT 115VAC INPUT AND 60A TYPICAL AT 230 VAC INPUT

SWITCHING FREQUENCY:

65 KHz TYPICAL

PROTECTION**OVER-VOLTAGE:**

PROTECTED, UNIT WILL RECOVER UPON REMOVAL OF FAULT

SHORT CIRCUIT:

PROTECTED, UNIT WILL RECOVER UPON REMOVAL OF FAULT

**20 Watt Wall Plug-In, Switching Power Supply,
Universal Input, ITE, Class II, Energy Star, Level V**

INPUT:

INPUT LINE FUSING

SAFETY:**DIELECTRIC WITHSTAND VOLTAGE:**

4242 VDC FROM PRIMARY TO SECONDARY

EARTH LEAKAGE:

<0.25 mA AT NOMINAL VAC INPUT VOLTAGE AND FREQUENCY

APPROVALS**SAFETY APPROVAL:**

UL60950-1, CUL TO 22.2 #60950-1 2nd Edition; N-MARK TO EN60950-1 2nd Edition
CB REPORT
CE CLASS II
PSE TO J60950

EMI:

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

CE MARK:

TESTED TO COMPLY WITH EN55022:1998_A1:2000, EN610003-2, E610003-3 INCLUDING EN61204-3:2000, 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:

ENERGY STAR VERSION 2.0, LEVEL V
COMPLIES TO SECTION 301 OF THE ENERGY INDEPENDENCE AND SECURITY ACT (EISA)
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 AMBIENT TEMPERATURE

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

STORAGE TEMPERATURE:

-10°C TO +80° 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-81087-2007.5-2.5-W2E	5.0	0 - 3.0	0 - 15
GT-81087-2007.5-W2E	7.5	0 - 3.0	0 - 15
GT-81087-2012-W2E	12.0	0 - 2.0	0 - 20.4
GT-81087-2018-W2E	18.0	0 - 1.36	0 - 20.4



ISO 9001:2008
REGISTERED

GT-81087-20VV-X.X-W2E



**20 Watt Wall Plug-In, Switching Power Supply,
Universal Input, ITE, Class II, Energy Star, Level V**



ENCLOSURE:

LOWER HOUSING: HIGH IMPACT PLASTIC, 94V-0 POLYCARBONATE, COLOR: COOL GRAY PANTONE # 11C
DIMENSIONS: 73.5 x 46.0 x 35.0mm +/- 1.0



**OUTPUT CORD
AND CONNECTOR:**

CABLE TYPE
1C + SHIELD UL 2468

CABLE LENGTH
1500mm + 150 - 0

WIRE GAUGE (AWG)
18AWG

HANK DIMENSION
60 ± 10mm

CABLE / CONNECTOR
OVERMOLD COLOR
COOL GRAY PANTONE # 11C

FERRITE TYPE / DIMENSION
N/A

FERRITE # OF TURNS N/A

FERRITE DIMENSION FROM
STRAIN RELIEF N/A

FERRITE DIMENSION
FROM PLUG N/A

PLUG TYPE
BARREL

OVER MOLD ORIENTATION
STRAIGHT

PLUG DIMENSIONS
5.5 x 2.5 x 11mm

BARREL PLUG INTERNAL
SPRING CLIP
NO

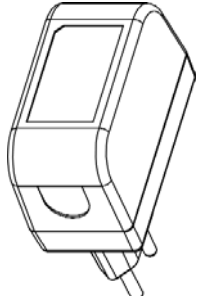
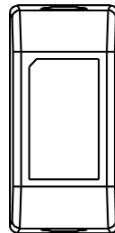
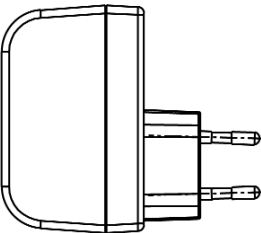
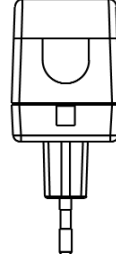
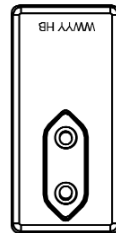
BARREL PLUG LOCKING
NOTCH
NO

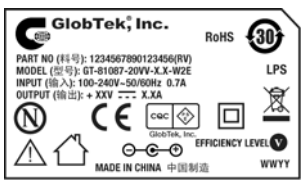
POLARITY
CENTER POSITIVE

STRIP LENGTH N/A

TIN LENGTH N/A

ADDITIONAL REQUIREMENTS
N/A



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