



ISO 9001:2008
REGISTERED



**60 Watt, Switching Power Supply, Single Output,
Desktop, Universal Input, ITE Class I**



ELECTRICAL SPECIFICATIONS:

- INPUT VOLTAGE:**
90 VAC TO 264 VAC
- INPUT CURRENT:**
< 1.5 A RMS AT 115 VAC INPUT
- INPUT FREQUENCY:**
47 HZ - 63 HZ
- OUTPUT VOLTAGE:**
SEE TABLE BELOW
- OUTPUT CURRENT:**
SEE TABLE BELOW, NO MINIMUM LOAD REQUIRED TO MAINTAIN OUTPUT VOLTAGE REGULATION
- OUTPUT POWER (RATED):**
60 WATTS MAXIMUM
- OUTPUT RIPPLE (PEAK TO PEAK):**
+/-1% OR 50 mV WHICHEVER IS GREATER OF 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.
- OUTPUT LOAD REGULATION:**
± 5% OF NOMINAL OUTPUT VOLTAGE, MEASURED AT O/P CONNECTOR
- LINE REGULATION:**
± 2% MAX AT FULL LOAD
- TURN ON/ TURN OFF OVERTHOOT:**
5% MAX 500µS RECOVERY TIME FOR 25% STEP LOAD
- TURN-ON DELAY:**
2 SEC MAX
- HOLD-UP TIME:**
8 mSEC MIN AT 120 VAC, INPUT AND FULL LOAD
- INRUSH CURRENT:**
40 A MAX AT COLD START AT 120VAC AND 60A AT 230VAC
- EFFICIENCY:**
84% TYPICAL AT FULL LOAD
- SWITCHING FREQUENCY:**
100 KHZ TYPICAL
- OVER-VOLTAGE PROTECTION:**
PROTECTED, UNIT WILL AUTORECOVER UPON REMOVAL OF FAULT
- OVER-CURRENT / SHORT CIRCUIT:**
PROTECTED, UNIT WILL AUTORECOVER UPON REMOVAL OF FAULT
- OTHER PROTECTION:**
INPUT FUSING

SAFETY APPROVALS :

UL60950-1, CUL TO 22.2# 60950-1, DEMKO TO EN 60950-1, CE, CLASS I, C-TICK TO AS/NZ 60950-1, CCC TO GB4943-2001, GB9254-1998, GB17625.1-2003, PSE TO J60950, CB REPORT, IRAM(ARGENTINA) TO EN60950, NRCAN

DIELECTRIC WITHSTAND VOLTAGE:

4242 VDC PRIMARY-SECONDARY

LEAKAGE CURRENT:

≤ 3.5 mA AT 240 VAC

EMI:

COMPLIES WITH EN55022, CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED EMI, TUV 'EMC' MARK, VCCI

C-TICK:

TESTED TO COMPLY W/RADIO TELECOMMUNICATION ACT OF 1992.

EFFICIENCY:

COMPLIES WITH ENERGY STAR TIER 2 (NORTH AMERICA), CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CODE OF CONDUCT (EUROPE) TESTED TO COMPLY W/RADIO TELECOMMUNICATION ACT OF 1992.

EFFICIENCY:

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

**OUTPUT VOLTAGE / CURRENT:
60 WATTS MODELS**

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-81081-6012-T3	+12.0	0 - 5.00	0 - 60
GT-81081-6014-T3	+14.0	0 - 4.20	0 - 60
GT-81081-6015-T3	+15.0	0 - 4.00	0 - 60
GT-81081-6018-T3	+18.0	0 - 3.33	0 - 60
GT-81081-6019-T3	+19.0	0 - 3.16	0 - 60
GT-81081-6020-T3	+20.0	0 - 3.00	0 - 60
GT-81081-6022-T3	+22.0	0 - 2.70	0 - 60
GT-81081-6024-T3	+24.0	0 - 2.50	0 - 60

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



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ENCLOSURE

CONFIGURATION:

MATERIAL: 94V-0 POLYCARBONATE, COLOR BLACK
DIMENSIONS: T3, 121.6 x 56.5 x 33.2mm +/- 1.0
AC INLET: T3, IEC 60320 / C14

INDICATOR: GREEN LED,
OUTPUT PRESENT
INPUT CONNECTOR:
CONFIGURATION: CLASS 1
MODEL: T3= IEC 60320 / C14,
AC POWER RECEPTACLE
WITH
3 MALE PRONGS
OUTPUT CORD:
1 CONDUCTOR+SHIELD,
18 AWG STRANDED WIRE,
ROUND UL 1185
RATED SPT-1
CORD TYPE,
COLOR BLACK ,
LENGTH OF CORD:
1830 +100,-0mm. CORD IS
MEASURED FROM THE
HOUSING TO THE END OF
OVERMOLD OF THE
CONNECTOR.
CABLE IS TO BE MARKED
WITH
WIRE GAUGE, AND ALL
APPLICABLE RATING AND
SAFETY APPROVALS.
CUSTOM CORDSET
AVAILABLE.
OUTPUT CONNECTOR:
STANDARD, STRAIGHT
FEMALE BARREL IS
5.5 x 2.5 x 11 mm WITH
CENTER POSITIVE

GlobTek, Inc.

ITE POWER SUPPLY (电源适配器)
PART NO (料号): []
MODEL (型号): GT-81081-[]-T3
INPUT (输入): 100-240V~1.5A, 50/60Hz
OUTPUT (输出): + []V --- []A
OUTPUT POWER (输出功率): 60W MAX

EFFICIENCY LEVEL **IV** 115V N4292
LEVEL 3 **III** 230V

I.T.E. POWER SUPPLY SAA111102EA

UL US **30**
LISTED 6044 E170507

CE **VCCI** **PS** **RoHS** **LPS**
VERIFIED

EMC **RoHS** **LPS**
GLOBTEK

S/N: []
RoHS000158142/08
MADE IN CHINA 中国制造 WWYY

12 VOLTS ONLY
EXCEPT 12 VOLTS

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

