



ISO 9001:2000
REGISTERED

GT-41062-T2, T3, T3A



**18 Watts, Switcher, Single Output Family, DeskTop and Wall
Plug-In: N.A., EURO, U.K., SAA Universal Input, ITE, Class I & II**



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90 VAC TO 264 VAC

INPUT CURRENT:
<0.5 A RMS AT 90 VAC INPUT

INPUT FREQUENCY:
47 HZ - 63 HZ

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

RATED OUTPUT POWER:
18 WATTS, MAXIMUM

OUTPUT REGULATION:
+/-5% MEASURED AT THE OUTPUT CONNECTOR

LINE VOLTAGE REGULATION:
+/- 1% TYPICAL MEASURED AT FULL LOAD

HIGH FREQ. OUTPUT RIPPLE:
1% OF OUTPUT VOLTAGE, PEAK TO PEAK, TYPICAL

TURN-ON/TURN-OFF OVERSHOOT:
5% MAXIMUM, 1ms TYPICAL RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:
1 SECOND, TYPICAL

HOLD-UP TIME:
10ms TYPICAL AT NOMINAL INPUT VOLTAGE AND FULL LOAD

INRUSH CURRENT:
30A TYPICAL AT 115Vac INPUT AND 40A TYP. AT 230Vac INPUT

SWITCHING FREQUENCY:
100KHZ TYPICAL, VARIES WITH LINE AND LOAD

EFFICIENCY:
75% TYPICAL AT NOMINAL INPUT AND FULL LOAD

PROTECTION

OVER-VOLTAGE:
VOLTAGE LIMITED TO LESS THAN 130%, CROWBAR METHOD

OVERLOAD:
CONSTANT CURRENT METHOD

SHORT CIRCUIT:
MOMENTARY SHORT CIRCUIT PROTECTED, OUTPUT WILL
AUTORECOVER UPON REMOVAL OF SHORT

INPUT PROTECTION:
INPUT FUSING; LINE FUSING

DIELECTRIC WITHSTAND VOLTAGE:
FOR CLASS II WITH FUNCTIONAL

EARTH VERSIONS:
4242Vdc FROM PRIMARY TO SECONDARY

FOR CLASS II VERSIONS:
4242Vdc FROM PRIMARY TO SECONDARY

EARTH LEAKAGE CURRENT:
< 300uA at 264Vac INPUT VOLTAGE

APPROVALS:
ITE UNITS: UL60950-1, CUL TO 22.2#60950-1, INNOVA GS TO 60950-1, CCC (T3, T3A ONLY) TO GB4943-2001, GB9254-1998, GB17625.1-2003, CE CLASS I, AS/NZ 60950, PSE TO J60950, CB REPORT, VCCI

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

CE MARK:
TESTED TO COMPLY WITH EN61000-3-2 EN61000-3-3 AND EN50082-1, INCLUDING EN61000-4-2 (SYSTEM LEVEL), EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11 LEVEL 4.

MTBF:
GREATER THAN 200,000 HOURS AT 25C AMBIENT TEMPERATURE NOMINAL LINE AND FULL LOAD PER MIL-217 STANDARD

OPERATING TEMPERATURE:
0°C TO 40°C AMBIENT TEMPERATURE

HUMIDITY:
0% TO 90% RELATIVE HUMIDITY

STORAGE TEMPERATURE:
-10°C TO 80°C

NOTES:
OUTPUT VOLTAGE CAN BE CONFIGURED FROM 5V TO 24V IN 0.1V INCREMENTS

LEGEND:
G-T4: INFORMATION TECHNOLOGY EQUIPMENT (ITE) SERIES
1062: FAMILY DESIGNATION
T3A/T3/T2: DESK TOP 3PIN/2PIN
1805 TO1824: POWER
X.X: IS AN OPTION FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM STANDARD MODEL SUBTRACTING X.X VOLTS FROM STANDARD OUTPUT

**OUTPUT VOLTAGE / CURRENT:
CLASS II WITH FUNCTIONAL EARTH ITE MODEL OUTPUT RATING**

MODEL NUMBER CLASS I MODEL OUTPUT RATING	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-41062-1805-X.X-T3(T3A)	+ 5.0	0 - 3.60	0 -18
GT-41062-1805-X.X-T3(T3A)	+ 6.0	0 - 3.00	0 -18
GT-41062-1809-X.X-T3(T3A)	+ 9.0	0 - 2.00	0 -18
GT-41062-1812-X.X-T3(T3A)	+ 12.0	0 - 1.50	0 -18
GT-41062-1815-X.X-T3(T3A)	+ 15.0	0 - 1.20	0 -18
GT-41062-1818-X.X-T3(T3A)	+ 18.0	0 - 1.00	0 -18
GT-41062-1824-X.X-T3(T3A)	+ 24.0	0 - 0.75	0 -18

CLASS II ITE MODEL OUTPUT RATING

GT-41062-1805-X.X-T2	+ 5.0	0 - 3.60	0 -18
GT-41062-1805-X.X-T2	+ 6.0	0 - 3.00	0 -18
GT-41062-1809-X.X-T2	+ 9.0	0 - 2.00	0 -18
GT-41062-1812-X.X-T2	+ 12.0	0 - 1.50	0 -18
GT-41062-1815-X.X-T2	+ 15.0	0 - 1.20	0 -18
GT-41062-1818-X.X-T2	+ 18.0	0 - 1.00	0 -18
GT-41062-1824-X.X-T2	+ 24.0	0 - 0.75	0 -18

ALL MODELS WITH OUTPUT VOLTAGES AVAILABLE IN 0.1V INCREMENTS FROM 5V-24V

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



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ENCLOSURE

CONFIGURATION:
HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK

