



ISO 9001:2000
REGISTERED



GT-21126 SERIES-60W

0-60 Watts, Desktop, Universal Input, Single Output Family, ITE Class I

Part Number Ordering System (See Page 224)
Output Plug/Cord Options (See Page 189)



FOR INDOOR USE ONLY

ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90 VAC TO 264 VAC

INPUT CURRENT:
<1.6A RMS AT 90VAC INPUT

INPUT FREQUENCY:
47 HZ - 63 HZ

OUTPUT CURRENT:
NO MINIMUM LOAD REQUIRED

OUTPUT POWER (RATED):
60 WATTS MAX

OUTPUT RIPPLE (PEAK TO PEAK):
1% OF OUTPUT VOLTAGE , PEAK TO PEAK, TYPICAL

OUTPUT REGULATION (LINE/LOAD):
± 5 % MEASURED AT THE OUTPUT CONNECTOR

LINE REGULATION:
± 1% TYPICAL MEASURED AT FULL LOAD

TURN ON/ TURN OFF OVERTHOOT:
5% MAXIMUM, 1mS TYPICAL RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:
1 SEC TYPICAL

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

INRUSH CURRENT:
20A TYPICAL AT 115Vac INPUT AND 30A TYPICAL AT 230Vac INPUT

EFFICIENCY:
75% TYPICAL AT NOMINAL INPUT AND FULL LOAD

SWITCHING FREQUENCY:
100 KHZ TYPICAL

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

OVER-CURRENT / SHORT CIRCUIT:
HICCUP MODE WITH AUTO-RECOVERY (110 - 130% OF RATED LOAD) / HICCUP MODE OUTPUT WILL AUTORECOVER UPON REMOVAL OF SHORT

OTHER PROTECTION:
INPUT LINE FUSING

SAFETY APPROVALS:

UL 60950, CUL TO 22.2 NO. 60950, TUV TO EN60950,
PSE J60950

DIELECTRIC WITHSTAND VOLTAGE:

4242VDC (3000VAC) FROM PRIMARY TO SECONDARY
2121VDC (1500VAC) PRIMARY TO GROUND

LEAKAGE CURRENT:

<500uA at 264Vac INPUT VOLTAGE

LINE SURGE:

EN 61000-4-5 LEVEL 4

EMI:

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

CE MARK:

TESTED TO COMPLY WITH EN61000-3-2 EN610003-3 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 50,000 HOURS AT 25° C AMBIENT
TEMPERATURE

OPERATING TEMPERATURE:

0° C TO 40° C AMBIENT TEMPERATURE

STORAGE TEMPERATURE:

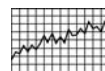
-40°C TO 80° C

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

NOTES:

1. -: ITE MODEL
2. EACH OUTPUT CURRENT MAY VARY WITHIN IT'S DESIGNATION RANGE, AS LONG AS OUTPUT POWER IS NOT EXCEEDED.
3. *SINGLE OUTPUT UNITS ARE AVAILABLE FROM 12V UP TO 24V IN 0.1V INCREMENTS.
4. (X.X) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM STANDARD MODEL. SUBTRACTING X.X VOLTS FROM STANDARD OUTPUT VOLTAGE.
5. SEE APPENDIX "F" FOR ELECTRICAL PERFORMANCE CURVES.



SEE APPENDIX "F" FOR ELECTRICAL
PERFORMANCE CURVES

OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE* (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-21126-6012	+12.0	0 - 5.0	0 - 60
GT-21126-6024-11	+13.0	0 - 4.6	0 - 60
GT-21126-6024-10.2	+13.8	0 - 4.3	0 - 60
GT-21126-6024-10.0	+14.0	0 - 4.2	0 - 60
GT-21126-6024-9.0.	+15.0	0 - 4.0	0 - 60
GT-21126-6024-8.0	+16.0	0 - 3.75	0 - 60
GT-21126-6024-6.0	+18.0	0 - 3.3	0 - 60
GT-21126-6024-5.0	+19.0	0 - 3.16	0 - 60
GT-21126-6024-4.0	+20.0	0 - 3.0	0 - 60
GT-21126-6024-2.0	+22.0	0 - 2.7	0 - 60
GT-21126-6024	+24.0	0 - 2.5	0 - 60

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



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ENCLOSURES

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



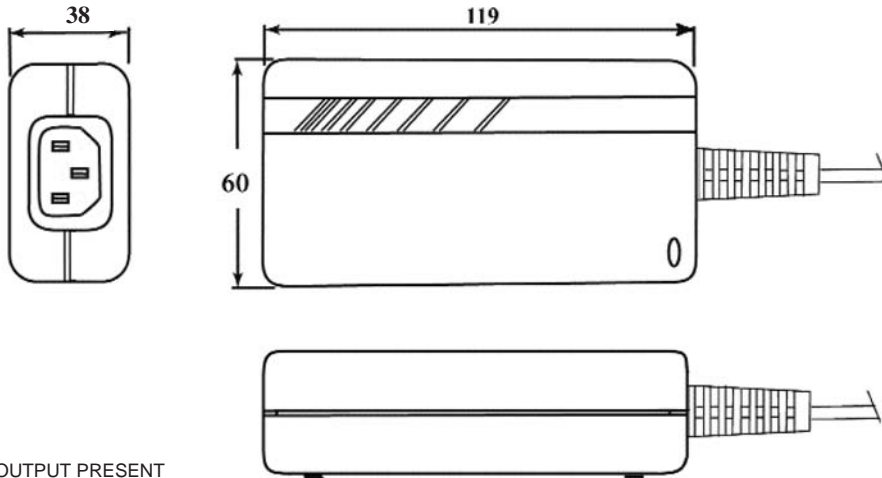
DESKTOP CLASS I: T3

SIZE:

119 X 60 X 38 ± 1 mm

INPUT CONFIGURATION:

CLASS 1 MODEL IEC60320 /
C14, AC POWER
RECEPTACLE WITH
3 MALE PINS



INDICATOR:
GREEN LED, OUTPUT PRESENT

