



ISO 9001:2008
REGISTERED

GT-22011 SERIES 0-60W



0-60 Watts, Switchmode Power Supply, Single Output, Family Desktop, Universal Input, ITE, Class II

Part Number Ordering System (See Page 302)
Output Plug/Cord Options (See Page 271)



 FOR INDOOR USE ONLY

ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90 VAC TO 264 VAC

INPUT CURRENT:
< 1.2 A RMS AT 90 VAC 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% TYPICAL

OUTPUT REGULATION (LINE/LOAD):
± 5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR

LINE REGULATION:
+ 0.5 % MAX AT FULL LOAD

TURN ON/ TURN OFF OVERSHOOT:
4% MAX 500µs MAX RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:
1 SEC MAX

HOLD-UP TIME:
16 mSEC MIN AT NOMINAL INPUT AND FULL LOAD

INRUSH CURRENT:
20 A MAX AT COLD START AT 115VAC; 40 A AT 230VAC

EFFICIENCY:
75 % TYPICAL

SWITCHING FREQUENCY:
100 KHZ TYPICAL

OVER-VOLTAGE PROTECTION:
VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE

OVER-CURRENT / SHORT CIRCUIT:
HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 IO

OTHER PROTECTION:
INPUT FUSING

SAFETY APPROVALS:
ITE MODEL: UL60950 (3rd ED.), CUL TO 22.2# 60950 (3rd ED.),
TUV GS TO EN60950-1:2001, PSE TO J60950 CE CLASS II
CB REPORT

DIELECTRIC WITHSTAND VOLTAGE:
4242VDC (3000VAC) FROM PRIMARY TO SECONDARY

LEAKAGE CURRENT:
≤ 0.25 mA

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

CE MARK:

TESTED TO COMPLY WITH EN61000-3-2 EN61000-3-3, AND
EN50082-1, INCLUDING EN61000-4-2, EN61000-4-3,
EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11,
LEVEL 4. UNIT IS ELIGIBLE FOR CE MARK.

MTBF:

GREATER THAN 200,000 HOURS AT 25° C AMBIENT
TEMPERATURE

OPERATING TEMPERATURE:

0° C TO 40° C

STORAGE TEMPERATURE:

-40° C TO 80° C

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

NOTES:

1. EACH OUTPUT CURRENT MAY VARY WITHIN IT'S DESIGNATION RANGE, AS LONG AS OUTPUT POWER IS NOT EXCEEDED.
2. SINGLE OUTPUT UNITS ARE AVAILABLE FROM 5V UP TO 24V IN 0.1V INCREMENTS.
3. (X.X) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM STANDARD MODEL. SUBTRACTING X.X VOLTS FROM STANDARD OUTPUT VOLTAGE.

OUTPUT VOLTAGE / CURRENT: CLASS II MODELS, DOUBLE INSULATED,T2

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-22011-6024-12	+12.0	0 - 5.0	0 - 60
GT-22011-6024-11	+13.0	0 - 4.6	0 - 60
GT-22011-6024-10.2	+13.8	0 - 4.3	0 - 60
GT-22011-6024-10.0	+14.0	0 - 4.2	0 - 60
GT-22011-6024-9.0.	+15.0	0 - 4.0	0 - 60
GT-22011-6024-8.0	+16.0	0 - 3.75	0 - 60
GT-22011-6024-6.0	+18.0	0 - 3.3	0 - 60
GT-22011-6024-5.0	+19.0	0 - 3.16	0 - 60
GT-22011-6024-4.0	+20.0	0 - 3.0	0 - 60
GT-22011-6024-2.0	+22.0	0 - 2.7	0 - 60
GT-22011-6024	+24.0	0 - 2.5	0 - 60

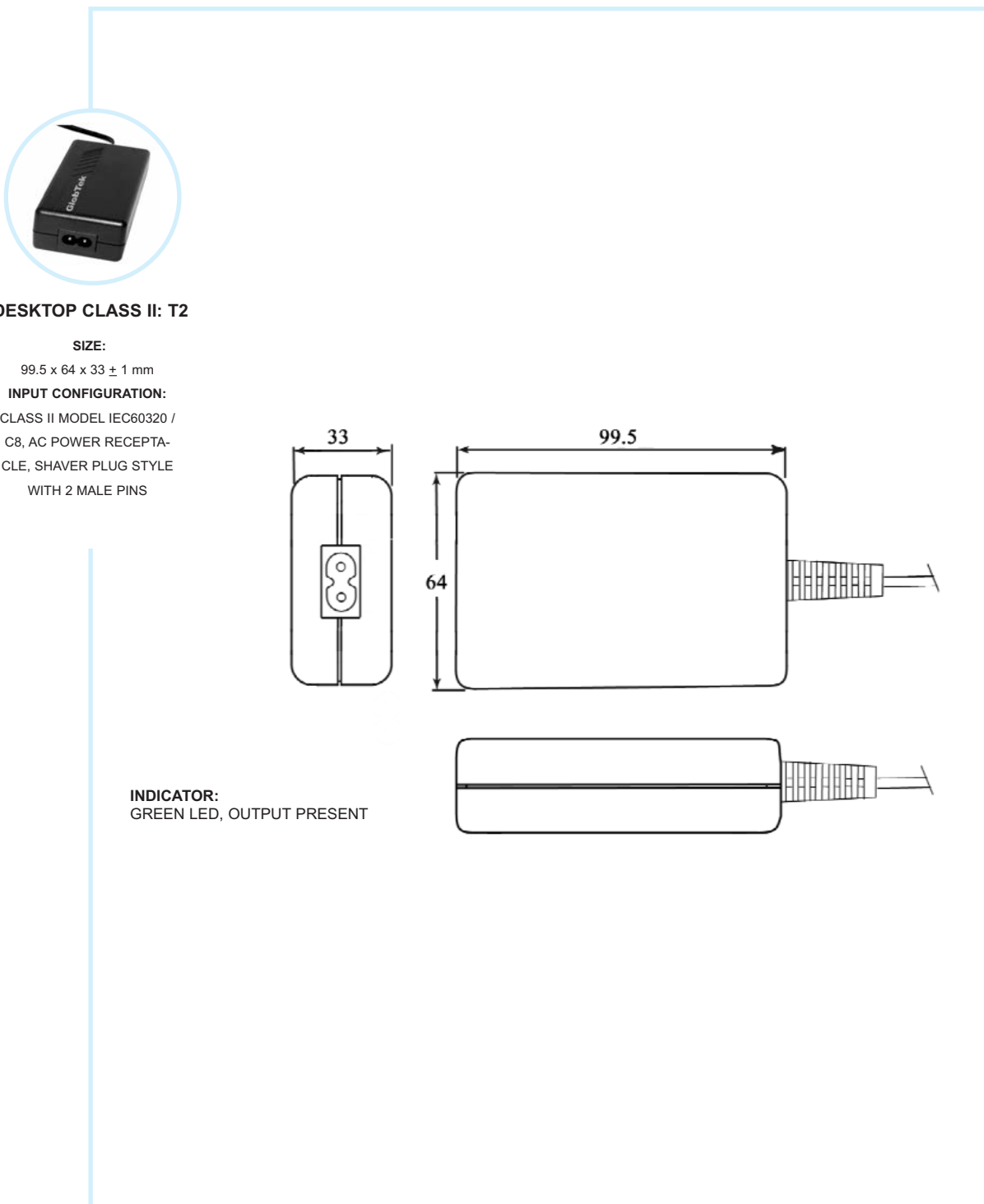
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ENCLOSURES

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



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