

**0-12 Watts, Low-Profile Wall Plug-In, N.A., Europe,
Universal Input, Single Output Family, ITE Class II**

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



 INDOOR USE ONLY

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 MINIMUM LOAD REQUIRED
OUTPUT POWER (RATED):
12 WATTS MAX
OUTPUT RIPPLE (PEAK TO PEAK):
≤ 1% TYP
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 OVERTHOOT:
4% MAX 500μS MAX RECOVERY TIME FOR 25% STEP LOAD
TURN-ON DELAY:
1 SEC MAX
HOLD-UP TIME:
10 m SEC MIN AT NOMINAL INPUT AND FULL LOAD
INRUSH CURRENT:
30 A MAX AT COLD START FOR N.A. (40A FOR EURO)
EFFICIENCY:
75 % TYPICAL
SWITCHING FREQUENCY:
100 KHZ TYPICAL, VARIES WITH LINE AND CORD
OVER-VOLTAGE PROTECTION:
VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE,
CROWBAR METHOD
OVER-CURRENT / SHORT CIRCUIT:
MOMENTARY SHORT CIRCUIT PROTECTED, OUTPUT WILL
AUTORECOVER UPON REMOVAL OF SHORT.
OTHER PROTECTION:
INPUT FUSING

SAFETY APPROVALS:

UL60950 (3rd ED.), CUL TO 22.2 # 60950 (3rd EDITION),
TUV TO EN60950-1:2001, PSE TO J60950, CE CLASS II, CB

DIELECTRIC WITHSTAND VOLTAGE:

4242VDC (3000VAC) PRIMARY-SECONDARY

LEAKAGE CURRENT:

< 1mA AT 264VAC INPUT

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 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:

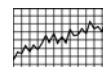
-10° C TO 80° C

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

NOTES:

1. -: ITE MODEL
2. EACH OUTPUT CURRENT MAY VARY WITHIN ITS DESIGN-
ATION RANGE, AS LONG AS OUTPUT POWER IS NOT
EXCEEDED.
3. OUTPUTS MAY VARY FROM 3.3V 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.



SEE APPENDIX "B" FOR ELECTRICAL
PERFORMANCE CURVES

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

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-21088-0503-W2, W2E	+ 3.0	0 - 1.5	0 - 4.5
GT-21088-0505-1.0-W2, W2E	+ 4.0	0 - 1.5	0 - 6.0
GT-21088-0605-X.X-W2, W2E	+ 5.0	0 - 1.5	0 - 7.5
GT-4101W-05-X.X-W2 (NEMA 1-15P/JIS 8303 BLADE ONLY)	+ 5.0	0 - 2.0 A	0 - 10.0
GT-21088-0806-X.X-W2, W2E	+ 6.0	0 - 1.33	0 - 8.0
GT-21088-0809-2.0-W2, W2E	+ 7.0	0 - 1.28	0 - 9.0
GT-21088-0809-1.0-W2, W2E	+ 8.0	0 - 1.13	0 - 9.0
GT-21088-0909-X.X-W2, W2E	+ 9.0	0 - 1.0	0 - 9.0
GT-21088-1012-X.X-W2, W2E	+12.0	0 - 0.8	0 - 10.0
GT-21088-1015-2.0-W2, W2E	+ 13.0	0 - 0.76	0 - 10.0
GT-21088-1015-1.2-W2, W2E	+ 13.8	0 - 0.72	0 - 10.0
GT-21088-1015-X.X-W2, W2E	+15.0	0 - 0.63	0 - 10.0
GT-4101W-20-X.X-W2 (NEMA 1-15P/JIS 8303 BLADE ONLY)	+20.0	0 - 0.6 A	0 - 12.0
GT-4101W-24-X.X-W2 (NEMA 1-15P/JIS 8303 BLADE ONLY)	+24.0	0 - 0.5 A	0 - 12.0

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

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Output Plug/Cord Options (See Page 271)**ENCLOSURES**HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK, COLOR BLACK, CUSTOMER SPECIFIED
COLOR AVAILABLE UPON REQUEST.**NORTH AMERICA:**

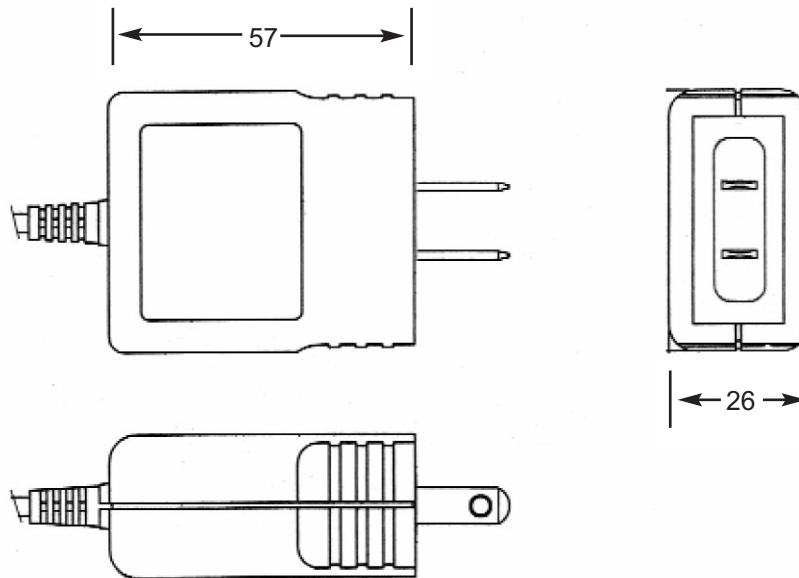
NEMA 1-15P/JIS

GT-21088 SIZE:

57 x 48 x 26 ± 1mm

GT-4101W SIZE:

60 x 44 x 25 ± 1mm

**EUROPE: - W2E**

CEE 7/16

SIZE:

57 x 48 x 26 ± 1mm

