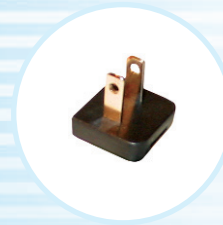


ISO 9001:2000  
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### 15 Watts, Wall Plug-In, Switchmode Power Supply, N.A., European, U.K., SAA Universal Input, ITE, Class II

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

#### ELECTRICAL SPECIFICATIONS

##### INPUT VOLTAGE:

100-240 VAC

##### INPUT CURRENT:

&lt; 0.6 A RMS MAX

##### INPUT FREQUENCY:

47 - 63 HZ

##### OUTPUT CURRENT:

NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED

##### OUTPUT POWER (RATED):

15 WATTS MAX

##### OUTPUT RIPPLE (PEAK TO PEAK):

100 mV

##### OUTPUT REGULATION (LINE/LOAD):

± 5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR

##### LINE REGULATION:

± 1 % MAX AT FULL LOAD

##### TURN ON/ TURN OFF OVERSHOOT:

4% MAX 500µS MAX RECOVERY TIME FOR 25% STEP LOAD

##### TURN-ON DELAY:

3000 mSEC MAX

##### HOLD-UP TIME:

16 m SEC MIN AT NOMINAL INPUT AND FULL LOAD

##### INRUSH CURRENT:

30 A MAX AT COLD START 120 VAC, 60A MAX COLD START 230VAC

##### SWITCHING FREQUENCY:

66.5 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 I<sub>o</sub>

##### OTHER PROTECTION:

INPUT FUSING

##### SAFETY APPROVALS:

UL60950, CUL TO 22.2# 950, SEMKO TO EN60950, CCC TO GB4943-2001, GB9254-1998, GB17625.1-2003, CE CLASS II, PSE TO J60950, CB REPORT

##### DIELECTRIC WITHSTAND VOLTAGE:

3000VAC PRIMARY-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 50,000 HOURS AT 25°C AMBIENT TEMPERATURE

#### AMBIENT TEMPERATURE, OPERATING TEMPERATURE:

0° C TO 40° C

#### STORAGE TEMPERATURE:

-40° C TO 80° C

#### HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

#### MODEL NUMBER DESCRIPTION:

MODEL GT-41052-WWVV-X.X

#### WHERE:

41052: SERIES CODE

WW = DENOTES RATED WATTAGE

(VV) = RATED VOLTAGE

(X.X) = DENOTES VOLTAGE DIFFERENTIATOR

#### PART NUMBER DESIGNATION:

SEE P/N SYSTEM FOR EXPLANATION:

XXX - DESIGNATION OUTPUT CORD + PLUG OPTION

#### NOTES:

1. EACH OUTPUT CURRENT MAY VARY WITHIN ITS DESIGNATION RANGE, AS LONG AS OUTPUT POWER IS NOT EXCEEDED.
2. SINGLE OUTPUT MAY VARY FROM 5VDC-24VDC IN 0.1V INCREMENTS
3. (-Y.Y) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM LISTED RATINGS. SUBTRACT Y.Y FROM RATED VOLTAGE.

#### OUTPUT VOLTAGE / CURRENT:

##### NORTH AMERICAN BLADE CONFIGURATION

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-41052-1305	+ 5.0	0 - 2.6	15
GT-41052-1506-X.X	+ 6.0	0 - 2.5	15
GT-41052-1507-X.X	+ 7.0	0 - 2.14	15
GT-41052-1509-X.X	+ 9.0	0 - 1.7	15
GT-41052-1512-X.X	+ 12.0	0 - 1.25	15
GT-41052-1512-1.2	+ 13.8	0 - 1.1	15
GT-41052-1515-X.X	+ 15.0	0 - 1.0	15
GT-41052-1518-X.X	+ 18.0	0 - 0.84	15
GT-41052-1520-X.X	+ 20.0	0 - 0.75	15
GT-41052-1524-X.X	+ 24.0	0 - 0.63	15

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



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## GT-41052 SERIES-15W

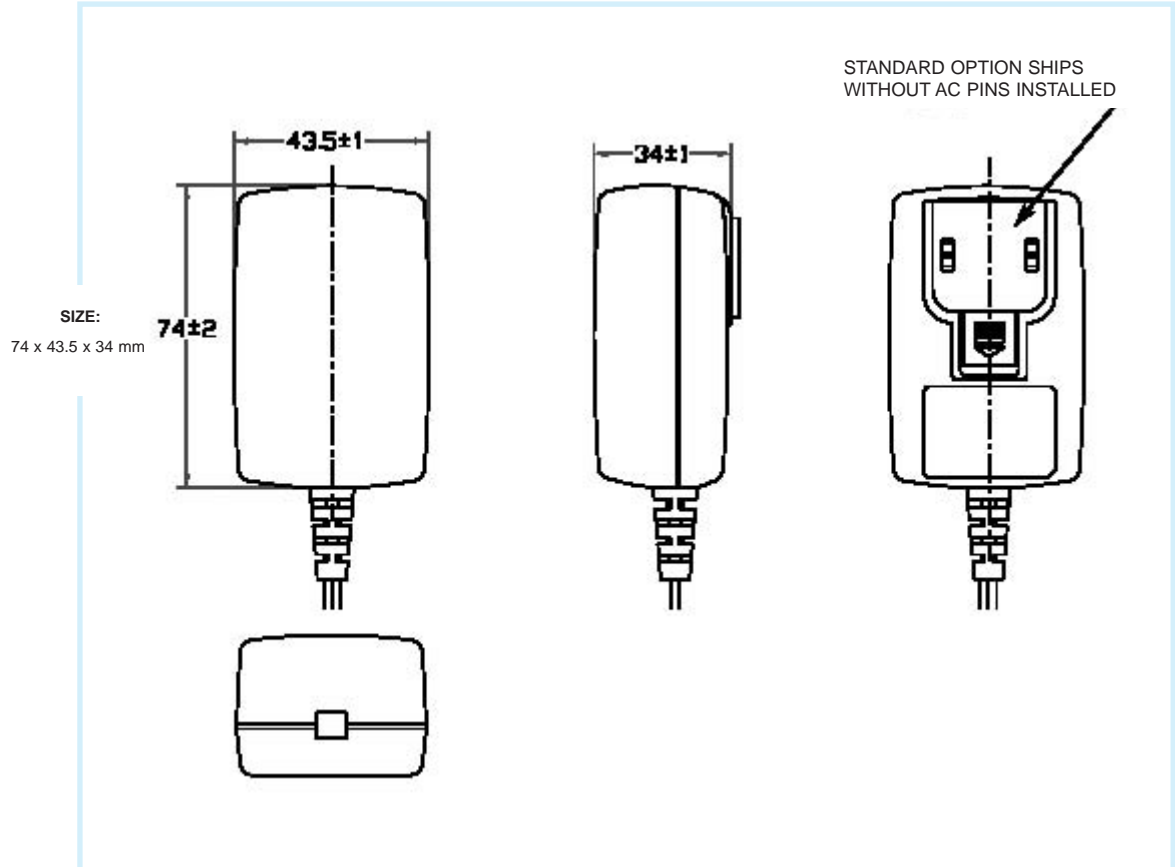
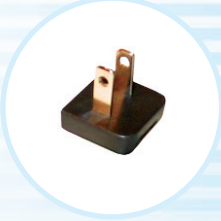
**15 Watts, Wall Plug-In, Switchmode Power Supply, N.A.,  
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Part Number Ordering System (See Page 224)  
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### ENCLOSURES

HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK, COLOR BLACK, CUSTOMER SPECIFIED  
COLOR AVAILABLE UPON REQUEST.



#### INPUT CONNECTOR:

N.A. CONFIGURATION:

1. CLASS II MODEL  
NEMA 1-15P JIS AC POWER  
RECEPTACLE WITH  
2 PRONGS

2. AUSTRALIAN  
CONFIGURATION:

AS/NZ 3112 2 PINS CLASS II

3. UK CONFIGURATION:

BS 1363 2 PINS CLASS II

4. EUROPEAN

CONFIGURATION: EUROPLUG

CEE 7/16 2 PINS, CLASS II

1



P/N: Q-NA

2



P/N: Q-SAA

3



P/N: Q-UK

4



P/N: Q-EU

STANDARD OPTION,  
PINS TO BE ORDERED SEPARATELY

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