



ISO 9001:2008
REGISTERED



**40 Watts, Desktop Switching Power Supply,
Universal Input, ITE, Class I, Class II**



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:

100-240 VAC

INPUT CURRENT:

1.0 AMP RMS MAX

INPUT FREQUENCY:

47-63 Hz

OUTPUT VOLTAGE:

12 VDC

OUTPUT CURRENT:

3.3 A, NO MINIMUM LOAD REQUIRED TO MAINTAIN OUTPUT
VOLTAGE REGULATION

OUTPUT POWER (RATED):

40 WATTS MAX

OUTPUT LOAD REGULATION:

+/- 5% MEASURED AT O/P CONNECTOR

LINE VOLTAGE REGULATION:

+/- 1% TYPICAL MEASURED AT THE OUTPUT CONNECTOR

OUTPUT RIPPLE (PEAK TO PEAK):

1% OR 150 mV WHICHEVER IS GREATER. MEASURED AT
20 MHz BANDWIDTH WITH 0.1 μ F CERAMIC CAPACITOR IN
PARALLEL WITH 10 μ F ELECTROLYTIC CAPACITOR CON-
NECTED AT THE END OF OUTPUT CONNECTOR AT NOMINAL
LINE

TURN-ON/TURN-OFF OVERSHOOT:

5% MAXIMUM, 1ms TYPICAL RECOVERY TIME FOR 25%
STEP LOAD

TURN-ON DELAY:

1 SECOND, TYPICAL

HOLD-UP TIME:

8ms TYPICAL AT NOMINAL INPUT VOLTAGE AND FULL LOAD

INRUSH CURRENT:

30A TYPICAL AT 115VAC INPUT AND 60A TYPICAL AT
230 VAC INPUT

SWITCHING FREQUENCY:

65 KHz TYPICAL

PROTECTION

OVER-VOLTAGE:

PROTECTED WITH ZENER CLAMP ACROSS OUTPUT

SHORT CIRCUIT:

PROTECTED, UNIT WILL RECOVER UPON REMOVAL
OF FAULT

INPUT:

INPUT LINE FUSING

SAFETY:

DIELECTRIC WITHSTAND VOLTAGE:

4242 VDC FROM PRIMARY TO SECONDARY

EARTH LEAKAGE:

<3.5 mA AT 240 VAC INPUT VOLTAGE

APPROVALS

SAFETY APPROVAL:

UL60950-1 (2ND EDITION), CUL TO 22.2 #60950-1, NEMKO TO
60950-1 (2ND EDITION), CCC (PENDING) TO GB4943-2001,
GB9254-1998, GB17625.12003, GOST-R, CE CLASS I, AS/NZ
TO 60950 (PENDING), C-TICK TO 55022 (PENDING), PSE TO
J60950, CB REPORT (2ND EDITION)

EMI:

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

CE MARK:

TESTED TO COMPLY WITH EN55022:1998 A1:2000,
EN610003-2, E610003-3 INCLUDING EN61204-3:2000,
EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5,
EN61000-4-6N, EN61000-4-11

C-TICK:

TESTED TO COMPLY WITH AUSTRALIA SECTION 182 OF
THE RADIO COMMUNICATION ACT OF 1992.

EFFICIENCY:

ENERGY STAR VERSION 2.0, LEVEL V, COMPLIES TO SEC-
TION 301 OF THE ENERGY INDEPENDENCE AND SECURITY
ACT (EISA), CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA),
CODE OF CONDUCT (EUROPE)

OTHERS

MTBF:

200,000 HOURS AT 25°C AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0°C TO 40° C AMBIENT TEMPERATURE

HUMIDITY:

0% TO 90% RELATIVE HUMIDITY

STORAGE TEMPERATURE:

-10°C TO +80° C

ROHS:

COMPLIES WITH EU 2002/95/EC AND CHINA SO/T 11363-2006

OUTPUT VOLTAGE / CURRENT:

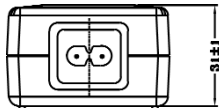
MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-43006-2415-7.0-T2, T3, T3A	+ 8.00	0 - 30	0 - 24
GT-43006-2715-6.0-T2, T3, T3A	+ 9.00	0 - 30	0 - 27
GT-43006-3615-3.0-T2, T3, T3A	+ 12.00	0 - 30	0 - 36
GT-43006-4015-3.0-T2, T3, T3A	+ 12.00	0 - 3.30	0 - 40
GT-43006-4015-T2, T3, T3A	+ 15.00	0 - 2.70	0 - 40
GT-43006-4024-5.0-T2, T3, T3A	+ 19.00	0 - 2.10	0 - 40
GT-43006-4024-T2, T3, T3A	+ 24.00	0 - 1.67	0 - 40
GT-43006-4048-12.0-T2, T3, T3A	+ 36.00	0 - 1.10	0 - 40
GT-43006-4048-T2, T3, T3A	+ 48.00	0 - 0.83	0 - 40



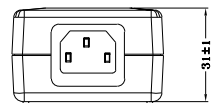
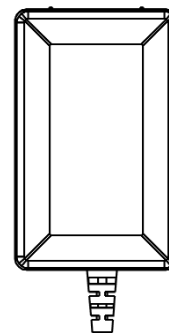
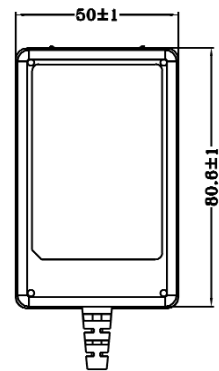
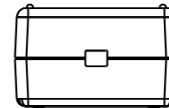
**40 Watts, Desktop Switching Power Supply,
Universal Input, ITE, Class I, Class II**

ENCLOSURE

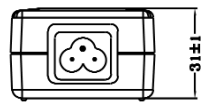
MATERIAL: 94V-0 POLYCARBONATE
COLOR: COOL GRAY PANTONE # 11C
DIMENSIONS: 47.8 x 75.5 x 28.2mm +/- 1.0
AC INLET: IEC 60320 / C14 / C8 / C6



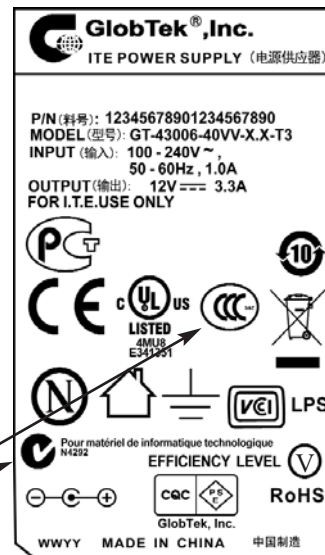
T2



T3



T3A



PENDING

CABLE TYPE:
 1C+SHIELD, UL 1185
CABLE LENGTH:
 1530mm + 150 - 0
WIRE GAUGE (AWG): 18 AWG
HANK DIMENSION: 70 ± 10mm
CABLE / CONNECTOR
OVERMOLD COLOR:
 COOL GRAY PANTONE # 11C
FERRITE TYPE / DIMENSION:
 N/A
FERRITE # OF TURNS: N/A
FERRITE DIMENSION FROM
STRAIN RELIEF: N/A
FERRITE DIMENSION
FROM PLUG: N/A
PLUG TYPE: BARREL
OVER MOLD ORIENTATION:
 RIGHT ANGLE
PLUG DIMENSIONS:
 5.5 x 2.1 x 9.5mm
BARREL PLUG INTERNAL
SPRING CLIP: NO
BARREL PLUG LOCKING
NOTCH: NO
POLARITY: CENTER POSITIVE
STRIP LENGTH: N/A
TIN LENGTH: N/A
ADDITIONAL REQUIREMENTS:
 N/A

