



ISO 9001:2000 REGISTERED



0-20 Watts , Desktop Universal Input, ITE Dual Output Switchmode Supply

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



INDOOR USE ONLY

ELECTRICAL SPECIFICATIONS:

- INPUT VOLTAGE:**
90 VAC TO 264 VAC
- INPUT CURRENT:**
< 1.0 A RMS AT 90 VAC INPUT
- INPUT FREQUENCY:**
47 HZ - 63 HZ
- OUTPUT POWER (RATED):**
15 WATTS MAX
- OUTPUT RIPPLE (PEAK TO PEAK):**
≤ 1% TYPICAL
- OUTPUT REGULATION (LINE/LOAD):**
± 5 % FOR MAIN OUTPUT, +5% FOR SECOND AND
± 10% FOR THIRD OUTPUT (10% MIN. LOAD ON MAIN OUTPUT)
- TURN ON/ TURN OFF OVERSHOOT:**
4% MAX 500 uS 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 FOR N.A. (40A FOR EURO)
- EFFICIENCY:**
75 % TYPICAL
- SWITCHING FREQUENCY:**
100 KHZ TYPICAL
- OVER-VOLTAGE PROTECTION:**
VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE FOR
MAIN OUTPUT
- OVER-CURRENT / SHORT CIRCUIT:**
1.1 - 1.3 IO HICCUP WITH AUTO RECOVERY
- OTHER PROTECTION:**
INPUT FUSING

- SAFETY APPROVALS:**
UL 60950 / 1950, CUL T 22.2 # 234, 950, TUV TO EN 60950,
CE CLASS I, PSE TO J60950
- DIELECTRIC WITHSTAND VOLTAGE:**
1500VAC PRIMARY-SECONDARY;1500 VAC PRIMARY- GROUND
- LEAKAGE CURRENT:**
3.5 mA MAX
- 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:**
SHALL BE 200,000 HOURS OR GREATER 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:
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.



OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GT-4202D-2A	+ 5	2.5	0 - 20
	+ 12	0.5	
GT-4202D-2	+ 5	2.5	0 - 20
	+ 12	0.8	
GT-4202D-1A	+ 5	1.5	0 - 20
	+ 12	1.5	

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



ISO 9001:2000
REGISTERED



**0-20 Watts, Desktop Universal Input, ITE
Dual Output Switchmode Supply**

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



INDOOR USE ONLY



ENCLOSURES

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



DESKTOP CLASS I

SIZE:

110 x 60 x 34 ± 1 mm

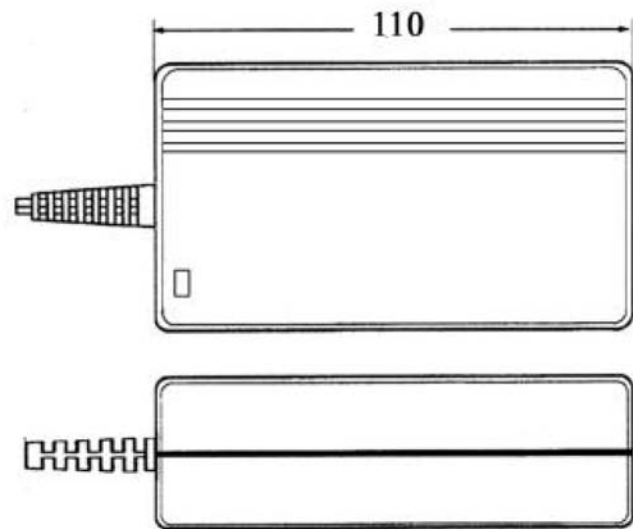
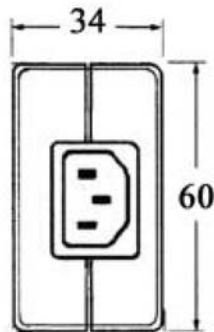
INPUT CONFIGURATION:

CLASS I

MODEL IEC60320 / C14,
AC POWER RECEPTACLE

WITH

3 MALE PRONGS



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