



ISO 9001:2000
REGISTERED

GT-561 SERIES-60W



50-60 Watts, Single, Dual, Triple Output Switchmode Power Supply Desktop, Universal Input

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



FOR INDOOR USE ONLY

ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:
90 VAC TO 264 VAC

INPUT CURRENT:
≤ 1.3 A RMS AT 90 VAC INPUT

INPUT FREQUENCY:
47 HZ - 63 HZ

OUTPUT CURRENT:
NO MINIMUM LOAD REQUIRED

OUTPUT POWER (RATED):
50-60 WATTS MAX

OUTPUT RIPPLE (PEAK TO PEAK):
≤ 1% TYPICAL

OUTPUT REGULATION (LINE/LOAD):
± 1.5~3 % FOR MAIN OUTPUT, ± 3.0~5.0% FOR SECOND AND
LINE REGULATION:
± 1.0~2.0% FOR THIRD OUTPUT

TURN ON/ TURN OFF OVERTHOOT:
4% MAX 500 μS MAX RECOVERY TIME FOR 25% STEP LOAD

TURN-ON DELAY:
1 SEC MAX

HOLD-UP TIME:
15 mSEC MIN AT 115 VAC, 75 mS AT 230 VAC

INRUSH CURRENT:
20 A MAX AT COLD START @ 230 VAC

EFFICIENCY:
75 -80% TYPICAL

SWITCHING FREQUENCY:
44 KHZ TYPICAL

ADJUSTABILITY:
FACTORY SET

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 TO 22.2 # 234, 950, TUV TO EN 60950,
CE CLASS I

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:
-20° C TO 85° C

HUMIDITY:
0% TO 90% RELATIVE HUMIDITY

WEIGHT:
531 g

NOTES:
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

OUTPUT VOLTAGE / CURRENT:
NOTE: P/N "XXX" IS DC CONNECTOR DESIGNATION

PART NUMBER	MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	RATED OUTPUT POWER (W)
TR9CQ9000XXX-R	GT-561-19	+ 3.3 ± 1.5-3%	9.0	50-60
TR9CAA7000XXX-R	GT-561-20	+ 5 ± 1.5-3%	7.0	50-60
	DUAL	-5 ± 3-5%	0.75	
TR9CM5000XXX-R	GT-561-21	+ 5 ± 1.5-3%	5.0	50-60
	DUAL	+12 ± 3-5%	2.0	
TR9CM7500XXX-R	GT-561-21A	+ 5 ± 1.5-3%	7.5	50-60
	DUAL	+12 ± 3-5%	0.5	
TR9CAG5000XXX-R	GT-561-22	+ 5 ± 1.5-3%	5.0	50-60
	DUAL	+15 ± 3-5%	1.6	
TR9CAI2000XXX-R	GT-561-23	+ 5 ± 1.5-3%	5.0	50-60
	DUAL	+24 ± 3-5%	1.0	
TR9CGK2000XXX-R	GT-561-25	+ 15 ± 1.5-3%	2.0	50-60
	DUAL	+ 8 ± 3-5%	1.7	
TR9CV5000XXX-R	GT-561-30	+ 5 ± 1.5-3%	5.0	50-60
	TRIPLE	+12 ± 3-5%	1.5	
		- 12 ± 1-2%	0.5	

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



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PART NUMBER	MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	RATED OUTPUT POWER (W)
TR9CAAE5000XXX-R	GT-561-31	+ 5 ± 1.5-3%	5.0	50-60
	TRIPLE	+ 12 ± 3-5%	1.5	50-60
		- 5 ± 1-2%	0.8	
TR9CAEI5000XXX-R	GT-561-32	+ 5 ± 1.5-3%	5.0	50-60
	TRIPLE	+ 24 ± 3-5%	0.75	
		- 12 ± 1-2%	0.5	50-60
TR9CAAG5000XXX-R	GT-561-33	+ 5 ± 1.5-3%	5.0	
	TRIPLE	+ 15 ± 3-5%	1.5	50-60
		- 5 ± 1-2%	0.5	
TR9CAGG5000XXX-R	GT-561-34	+ 5 ± 1.5-3%	5.0	50-60
	TRIPLE	+ 15 ± 3-5%	1.5	
		- 15 ± 1-2%	0.2	



ENCLOSURES

HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, COLOR BLACK



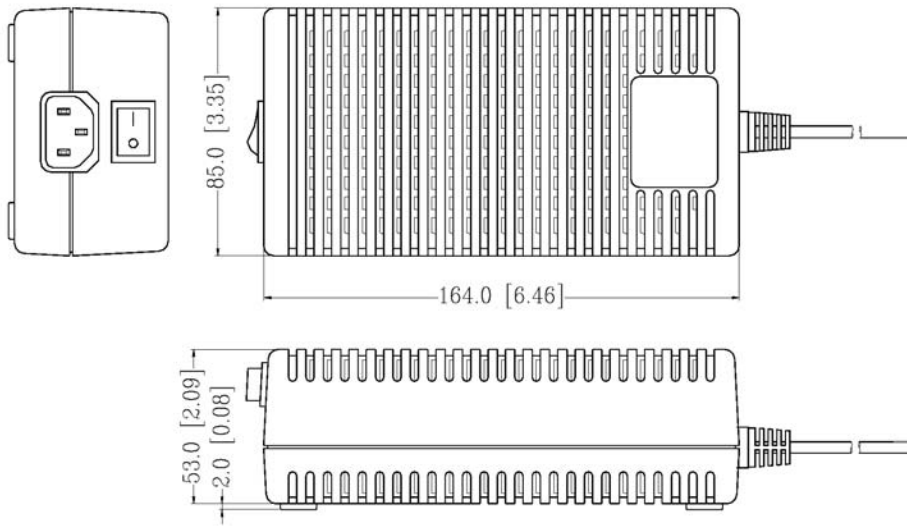
DESKTOP CLASS I: T3

SIZE:

164.0 (6.46) x 85.0(3.35)
x 53.0(2.09) ± 1 mm(inch)

INPUT CONNECTOR:

CONFIGURATION:
CLASS 1 MODEL IEC60320 / C14, AC
POWER RECEPTACLE
WITH 3 MALE PINS



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