



ISO 9001:2008
REGISTERED



90 Watts, Desktop, AC/DC Switching Adapter



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:

SPECIFIED 90-264 VAC, NAMEPLATE RATED: 100-240VAC

INPUT FREQUENCY:

SPECIFIED 47-400 HZ, NAMEPLATE RATED 50-60HZ

OUTPUT REGULATION:

+/- 5% MEASURED AT THE OUTPUT CONNECTOR

LINE VOLTAGE REGULATION:

+/- 1% TYPICAL MEASURED AT FULL LOAD

OUTPUT RIPPLE (VP-P):

+/-1% OR 150 MV WHICHEVER IS GREATER, MEASURED AT 20 MHZ BANDWIDTH WITH 0.1 UF CERAMIC CAPACITOR IN PARALLEL WITH 10 UF ELECTROLYTIC CAPACITOR CONNECTED AT THE END OF THE OUTPUT CONNECTOR AT NOMINAL LINE

TURN-ON/OFF OVERSHOOT:

5% MAXIMUM, 1 MS TYPICAL RECOVERY TIME FOR 25% TO 50% STEP LOAD

TURN-ON DELAY:

1 SEC, MAXIMUM @ FULL LOAD, NOMINAL LINE

HOLD-UP TIME:

8 MS TYPICAL @ NOMINAL INPUT VOLTAGE AND FULL LOAD

INRUSH CURRENT:

30/60A MAXIMUM COLD START @ 115/230VAC INPUT

SWITCHING FREQUENCY:

65 KHZ TYPICAL

A PEAK OF 148WATT FOR 0.5 SEC. REPEATING EVERY 2.5 SEC. PERMANENT LOAD OF 80WATTS, AVERAGE IS 91.3 WATTS

PROTECTION

OVER-VOLTAGE:

ELECTRONICALLY PROTECTED ZENER CLAMP ACROSS THE OUTPUT

SHORT CIRCUIT:

ELECTRONICALLY PROTECTED UNIT WILL AUTO RECOVER UPON REMOVAL OF FAULT

INPUT PROTECTION:

INPUT LINE FUSING

SAFETY

DIELECTRIC WITHSTAND VOLTAGE:

5656VDC FROM PRIMARY TO SECONDARY

EARTH LEAKAGE CURRENT:

N/A FOR CLASS II UNITS, THERE IS NO PE GROUND PIN, SO EARTH LEAKAGE CURRENT IS NOT MEASURED

TOUCH CURRENT:

MAXIMUM ALLOWED VALUES: 100UA NC (NORMAL CONDITION) 500UA SFC (SINGLE FAULT CONDITION)

PRIMARY TO SECONDARY ISOLATION:

2 MOPP

OTHER:

MTBF:

200,000 HOURS @ 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

COOLING:

CONVECTION

OPERATING ALTITUDE:

5,000 METERS

OPERATING ATMOSPHERIC PRESSURE:

700 HPA TO 1060HPA

ROHS 2:

COMPLIES WITH EU 2011/65/EU AND CHINA SJ/T 11363-2006

OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GTM41133-9016-4.0-T2	+12.0	0 - 7.50	90.00
GTM41133-9016-1.0-T2	+15.0	0 - 1.06	15.90
GTM41133-9024-5.0-T2	+19.0	0 - 4.73	89.87
GTM41133-9024-T2	+24.0	0 - 3.75	90.00
GTM41133-9048-10.5-T2	+37.5	0 - 2.40	90.00
GTM41133-9048-12.0-T2	+36.0	0 - 2.50	90.00
GTM41133-9048-T2	+48.0	0 - 1.875	90.00
GTM41133-9048-22.0-T2	+26.0	0 - 3.46	89.96





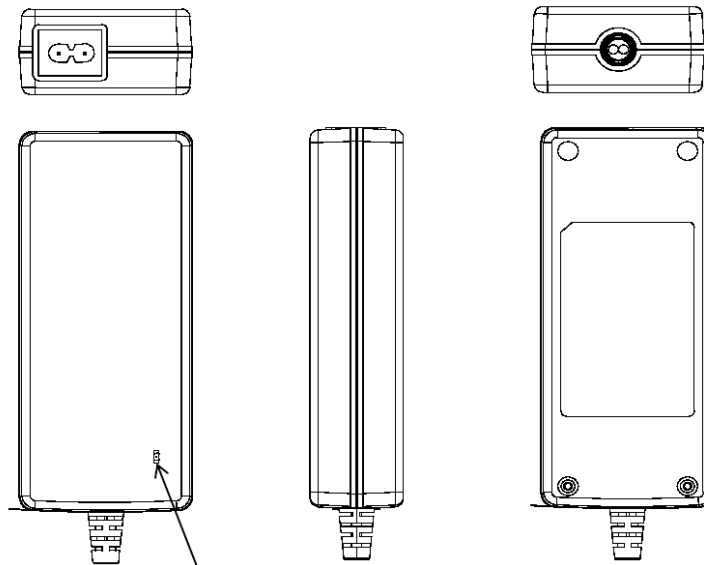
90 Watts, Desktop, AC/DC Switching Adapter

ENCLOSURE

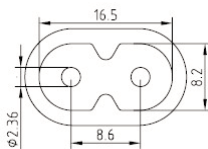
HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED
 SIZE: 149.38 X 62.6 X 33.5 +/-1.0 MM
 LED TO INDICATE "POWER OUT"
 MARKINGS: LABEL AND/OR PAD PRINTED AND/OR MOLDED IN THE CASE



INPUT CONFIGURATION: IEC
 60320/C8 AC INLET CONNECTOR,
 CLASS II, NON-EARTH GROUND
 (AKA "FIGURE-8")



LED INDICATOR
 GREEN = "ON"



MATES WITH IEC 60320/C7 PLUG

STANDARD INTERNATIONAL IEC 320/C7 CORDSETS

BELOW ARE STANDARD CORDSETS WHICH ARE "NOT INCLUDED" (UNLESS STATED ABOVE); THESE CAN BE PURCHASED SEPARATELY OR PACKAGED WITH THE POWER SUPPLY. CONTACT YOUR SALES ENGINEER IF THE STYLE REQUIRED IS NOT SHOWN BELOW. MANY MORE AVAILABLE IN DIFFERENT LENGTHS, COLORS OR CABLE MATERIAL

GlobTek P/N	Length	Country	Description
451116F703A(R)	6 FT	North American	2 COND: SPT-2, 18/2, 6', BLACK, UL/CSA, NEMA 1-15P to IEC 320/C7
2074112M8703A(R)	2 M	European	2 COND: H05VVH2F, 2X0.75, 1.8M, VDE, S, N, D, ect., CEE 7/16 to IEC 320/C7
5014112M703A(R)	2 M	Australia	2 COND: H05VVH2F, 2X0.75, 2M, SAA, AS3112 to IEC 320/C7
451J3401M8703A(R)	2 M	Japan	2 COND: VFF, 2X0.75mm2, 1.8M, PSE, JIS8303 to IEC 320/C7
6104112M703A(R)	2 M	UK/Ireland	2 COND: H03VVH2F, 2X0.75, 2M, BSI, BS1363 to IEC 320/C7
2074112M8703A(R)	2 M	Swiss	2 COND: H03VVH2F, 2X0.75, 1.8M, SEV, CEE 7/16 to IEC 320/C7
2074112M8703A(R)	2 M	Italy	2 COND: H03VVH2F, 2X0.75, 1.8M, IMQ, CEE 7/16 to IEC 320/C7
2074112M8703A(R)	2 M	Demark	2 COND: H03VVH2F, 2X0.75, 1.8M, D, CEE 7/16 to IEC 320/C7
2084111M8703(R)	2 M	India/ Africa	2 COND: H05VVF 3x0.75, 1.8M, BS546 to IEC 320/C7 (YL-H03VVH2-F)
4533501M8703(R)	2 M	China	2 COND: RVV (227IEC52), 2X0.75mm2, 1.8M, CCC, GB2099.1 (1996) to IEC 320/C7

