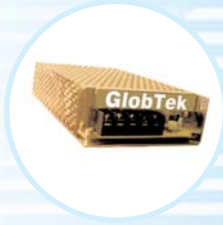
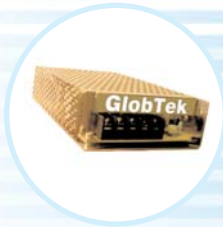




ISO 9001:2000  
REGISTERED



**150 Watts, Switchmode Power Supply, Single Output Family, Metal Enclosed, Universal Input; ITE**



**ELECTRICAL SPECIFICATIONS:**

**INPUT VOLTAGE:**  
90 VAC TO 264 VAC

**INPUT CURRENT:**  
< 2.5 A RMS AT 90 VAC INPUT

**INPUT FREQUENCY:**  
47 HZ - 63 HZ

**OUTPUT CURRENT:**  
NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED

**OUTPUT POWER (RATED):**  
150 WATTS MAX

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

**ADJUSTABILITY:**  
+10, -5% MAIN OUTPUT

**OUTPUT INDICATOR:**  
GREEN LED, OUTPUT PRESENT

**OUTPUT REGULATION (LINE/LOAD):**  
± 2 % FOR MAIN OUTPUT

**TURN ON/ TURN OFF OVERSHOOT:**  
4% MAX 500uS MAX RECOVERY TIME FOR 25% STEP LOAD

**TURN-ON DELAY:**  
1 SEC MAX

**HOLD-UP TIME:**  
20 mSEC MIN AT NOMINAL INPUT 115 VAC AND FULL LOAD

**INRUSH CURRENT:**  
35 A MAX AT COLD START FOR N.A. (50A FOR EURO)

**EFFICIENCY:**  
80% TYPICAL

**SWITCHING FREQUENCY:**  
100 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 IO

**OTHER PROTECTION:**  
INPUT FUSING

**SAFETY APPROVALS:**  
ITE MODELS: UR TO UL 60950, C-UR TO 22.2 # 950,  
TUV TO EN 60950, CE CLASS I

**DIELECTRIC WITHSTAND VOLTAGE:**  
3000 VAC PRIMARY-SECONDARY;1500 VAC PRIMARY-  
GROUND

**LEAKAGE CURRENT:**

< 0.5 mA

**LINE SURGE:**  
EN 61000-4-5 LEVEL 4

**EMI:**  
COMPLIES WITH EN55022 AND EN55011, 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 (SYSTEM LEVEL),  
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 200,000 HOURS AT 25° C AMBIENT  
TEMPERATURE

**OPERATING TEMPERATURE:**  
0° C TO 40° C

**STORAGE TEMPERATURE:**  
-40° C TO 80° C

**HUMIDITY:**

**MODEL NUMBER CODE:**

RT-3: INTERNAL CODE;  
-: ITE MODEL, UL 60950  
S150: FAMILY DESIGNATION, SINGLE OUTPUT 150W  
(P): POWER FACTOR CORRECTION  
03 TO 48: OUTPUT VOLTAGE, DC  
PFC: ACTIVE POWER FACTOR CORRECTION

**NOTES:**

1. EACH OUTPUT CURRENT MAY VARY WITHIN IT'S DESIGNATION RANGE, AS LONG AS OUTPUT POWER IS NOT EXCEEDED.
2. SINGLE OUTPUT UNITS ARE AVAILABLE FROM 3.3V UP TO 48V IN 0.1V INCREMENTS.
3. (X.X) OPTIONAL FOR SPECIFYING OUTPUT VOLTAGE DEVIATION FROM STANDARD MODEL. SUBTRACTING X.X VOLTS FROM STANDARD OUTPUT VOLTAGE.

**OUTPUT VOLTAGE / CURRENT:  
CLASS I MODELS, PROTECTIVE GROUND**

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
RT-3S150-03-X.X	3.3	0 - 30	0 - 100
RT-3S150-05-X.X	5.0	0 - 30	0 - 150
RT-3S150-09-X.X	9.0	0 - 16.7	0 - 150
RT-3S150-12-X.X	12.0	0 - 12.5	0 - 150
RT-3S150-13.5-X.X	13.5	0 - 11	0 - 150
RT-3S150-15-X.X	15.0	0 - 10	0 - 150
RT-3S150-18-X.X	18.0	0 - 8.4	0 - 150
RT-3S150-24-X.X	24.0	0 - 6.3	0 - 150
RT-3S150-48-X.X	48.0	0 - 3.2	0 - 150

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



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MECHANICAL DRAWING

UPPER/LOWER HOUSING, HIGH IMPACT PLASTIC, 94VO POLYCARBONATE, NON-VENTED, COLOR BLACK. UNIT HAS NON-SKID POLYURETHANE PADS.

NOTE:

10 MIL 94V-0 FIBER GLASS (2.75X5.15 IN. W/4 HOLES MATCHING MOUNTING HOLE POSITIONS)



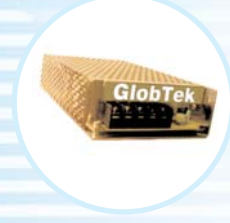
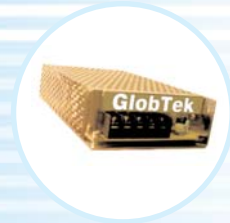
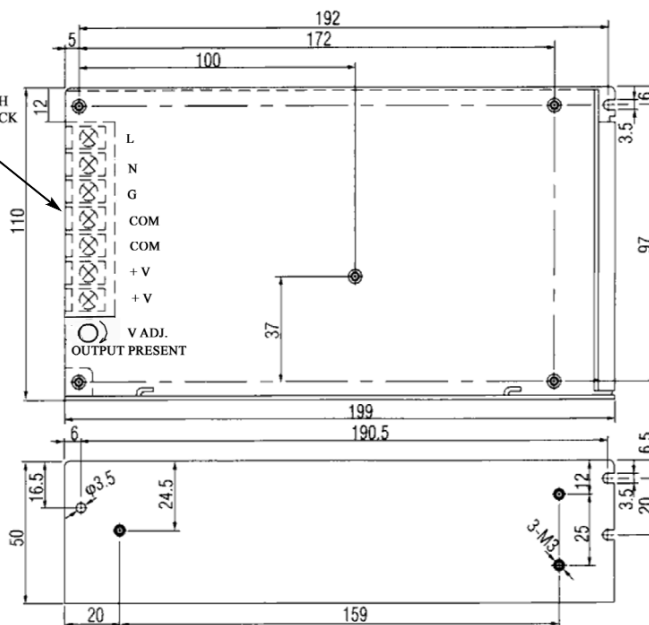
INPUT CONNECTOR: CONFIGURATION:

CLASS I MODELS STANDARD:

DESKTOP UNITS: EN60320/C14/3 PINS AC POWER RECEPTACLE WITH MALE PRONGS, COLOR BLACK. NOTE:

GROUND WIRE, 18AWG STRANDED, GREEN WITH YELLOW STRIPE JACKET IS CONNECTED BETWEEN GROUND LUG AND COMMON OF Y SAFETY CAPACITORS, INTERNALLY OPTIONAL EARTH GROUND IS CONNECTED TO THE DC OUTPUT RETURN AND OUTPUT CORD DRAIN WIRE (SHIELD).

7P / 9.5 mm PITCH TERMINAL BLOCK



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