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**1. NOTES:**  
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

**2. ELECTRICAL SPECIFICATIONS:**  

INPUT VOLTAGE:

INPUT CURRENT:

INPUT FREQUENCY:

OUTPUT VOLTAGE :

OUTPUT CURRENT :

OUTPUT POWER (RATED):

OUTPUT RIPPLE (PEAK TO PEAK):

OUTPUT REGULATION (LINE/LOAD):

LINE REGULATION:

TURN ON/ TURN OFF OVERSHOOT:

HOLD-UP TIME:

OUTPUT RISE TIME:

TURN ON TIME:

INRUSH CURRENT:

EFFICIENCY:

SWITCHING FREQUENCY:

OVER-VOLTAGE PROTECTION:

OVER-CURRENT / SHORT CIRCUIT:

OTHER PROTECTION:

POWER FACTOR:

NO LOAD POWER CONSUMPTION:

SAFETY APPROVALS:

DIELECTRIC WITHSTAND VOLTAGE:

LEAKAGE CURRENT:

EMI:

CE MARK:

MTBF:

OPERATING TEMPERATURE:

STORAGE TEMPERATURE:

ALTITUDE:

HUMIDITY:

WEIGHT:

ROHS:

90 VAC TO 264 VAC  
< 2.0 A RMS AT 90 VAC INPUT  
47 HZ - 63 HZ  
12 VDC, NO LOAD TO FULL LOAD,NO MINIMUM LOAD REQUIRED  
8.3A  
100 WATTS MAX  
+/-1% OR 50 mV WHICHEVER IS GREATER OF NOMINAL OUTPUT VOLTAGE.  
MEASURED AT 20 MHz BANDWIDTH WITH 0.1µf CERAMIC CAPACITOR IN PARALLEL WITH 10 µf ELECTROLYTIC CAPACITOR CONNECTED AT THE END OF THE OUTPUT CONNECTOR.  
± 5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR  
± 1.0 % MAX AT FULL LOAD  
5% MAX 500uS MAX RECOVERY TIME FOR 25% STEP LOAD  
8.0 mSEC MIN AT NOMINAL INPUT AND FULL LOAD  
< 35 mS@115 V INPUT AT FULL LOAD  
< 3 S @115 V INPUT AT FULL LOAD  
40 A MAX AT COLD START FOR N.A. (60A FOR EURO)  
80 % @115 V INPUT, TYPICAL  
100 KHZ TYPICAL  
PROTECTED, AC CYCLING REQUIRED TO RESET OUTPUT  
HICCUP WITH AUTO RECOVERY UPON REMOVAL OF OVERLOAD/SHORT INPUT LINE AND NEUTRAL FUSING  
0.95 MIN. AT FULL LOAD 230V INPUT VOLTAGE  
<2.0W @ 115V  
UL60950-1, CUL TO CSA 22.2# 60950-1, DEMKO TO EN60950-1, PSE TO J60950, CB REPORT, CE,  
UL60601-1, 1E(2003), CUL TO CSA 22.2# 601.1-M90 WITH UPDATES 1 AND 2, DEMKO TO EN60601-1:1990+A1+A2+A13; CB TO IEC 60601- 1  
5656 VDC PRIMARY-SECONDARY  
≤ 250 µA AT 240 VAC  
COMPLIES WITH EN55022 , EN55011, CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED  
  
TESTED TO COMPLY WITH EN61000-3-2 EN61000-3-3, EN55024 AND EN60601-1-2, INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11  
GREATER THAN 200,000 HOURS AT 25°C AMBIENT TEMPERATURE  
0°C TO 40° C  
-40°C TO 80° C  
10,000' (OPERATING), 40,000' (NON-OPERATING)  
0% TO 90% RELATIVE HUMIDITY  
350 g  
COMPLIES WITH EU 2002/95/EC AND CHINA SJ/T 11363-2006

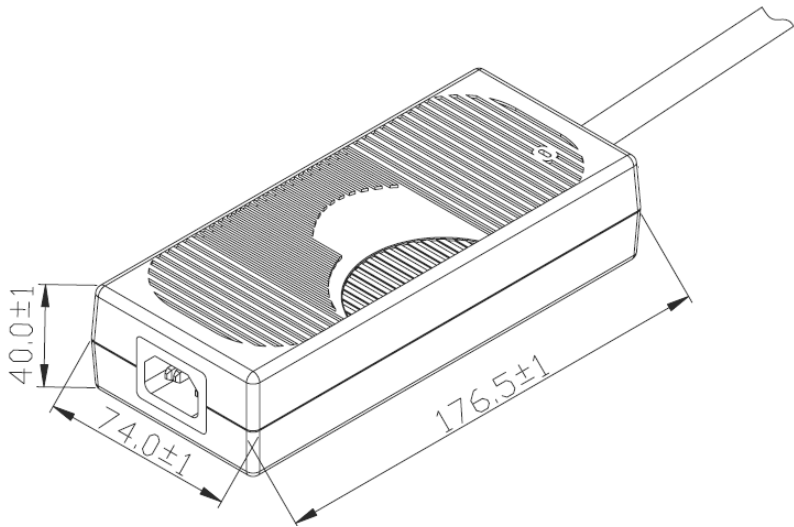
Foot Note: Globtek Inc. will not be liable for the safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instructions		C	PART NO	REV.	DESCRIPTION	NOTES
Limitation of Use: Globtek product are not authorized for use as mission critical components in life support, hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of Globtek Inc.			TABULATION BLOCK			
INIT.BY: ES		DATE: 02/25/08	TOLERANCES: DECIMALS ANGULAR .xx +/- 0.1 +/- 1' .xxx +/- .005		186 Veterans Dr. Northvale, NJ 07647 Tel. 201-784-1000 Fax 201.784.0111 www.globtek.com	
DRAWN: NF		DATE: 02/25/08	MILLIMETERS ANGULAR .xx +/- 0.3 +/- 1' .xxx +/- .013		DWG TITLE: SWITCHING POWER SUPPLY, 100 WATT, 12V @ 8.3A SINGLE OUTPUT, DESKTOP, UNIVERSAL INPUT	
APRVD : HM		DATE: 02/25/08	FSCN No.: G, A	SIZE A	MODEL NO: GTM9100P-100012-IM	REV. C
SCALE: NONE		PART NO: TR9CE8300N08-C-IM(R)	SHEET 1 OF 6			

Contents of this document are subject to change without prior notice

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3. ENCLOSURE

UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK  
LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON- VENTED, COLOR BLACK  
SIZE: 176.5 x 74.0 x 40.0 ± 1 mm



4. INDICATOR: GREEN LED FOR OUTPUT PRESENT

5. INPUT CONNECTOR:

IEC320 / C14, AC POWER INLET WITH 3 MALE PRONGS

**GlobTek, Inc.**  
www.globtek.com

186 Veterans Dr. Northvale, NJ 07647  
Tel. 201-784-1000 Fax 201.784.0111

DWG TITLE: SWITCHING POWER SUPPLY, 100 WATT, 12V @ 8.3A  
SINGLE OUTPUT, DESKTOP, UNIVERSAL INPUT

MODEL NO: GTM9100P-100012-IM

REV.  
C

PART NO: TR9CE8300N08-C-IM(R)

SHEET 2 OF 6

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**6. OUTPUT CORD :**

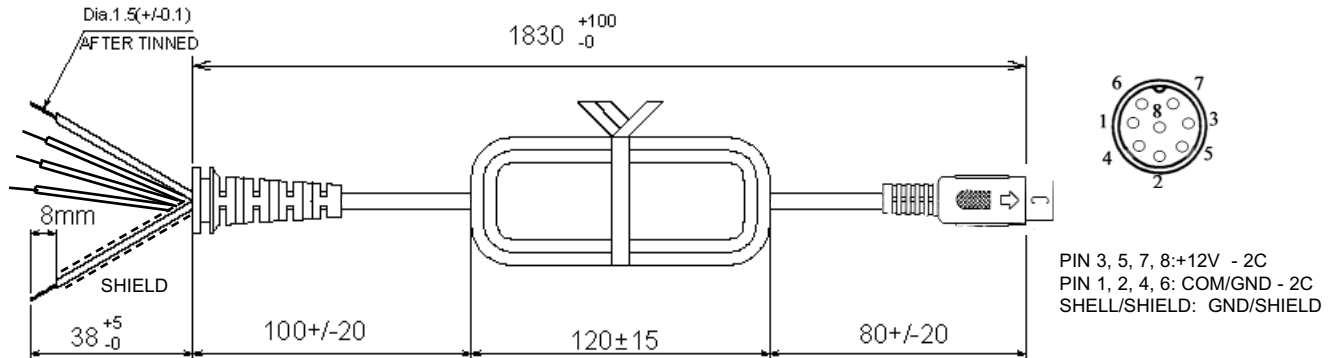
**4 CONDUCTOR+SHIELD , 18 AWG STRANDED WIRE, ROUND # 2464 CORD TYPE, COLOR BLACK, LENGTH OF CORD:**  
1830 +100, -0 mm.

CORD IS MEASURED FROM THE HOUSING TO THE END OF OVERMOLD OF THE CONNECTOR.

CABLE IS TO BE MARKED WITH WIRE GAUGE, AND ALL APPLICABLE RATING AND SAFETY APPROVALS.

**OUTPUT CONNECTOR:**

8 PIN DIN CONNECTOR, SNAP AND LOCK. CORD BRAID SHIELD TERMINATED 360° AT CONNECTOR SHELL.



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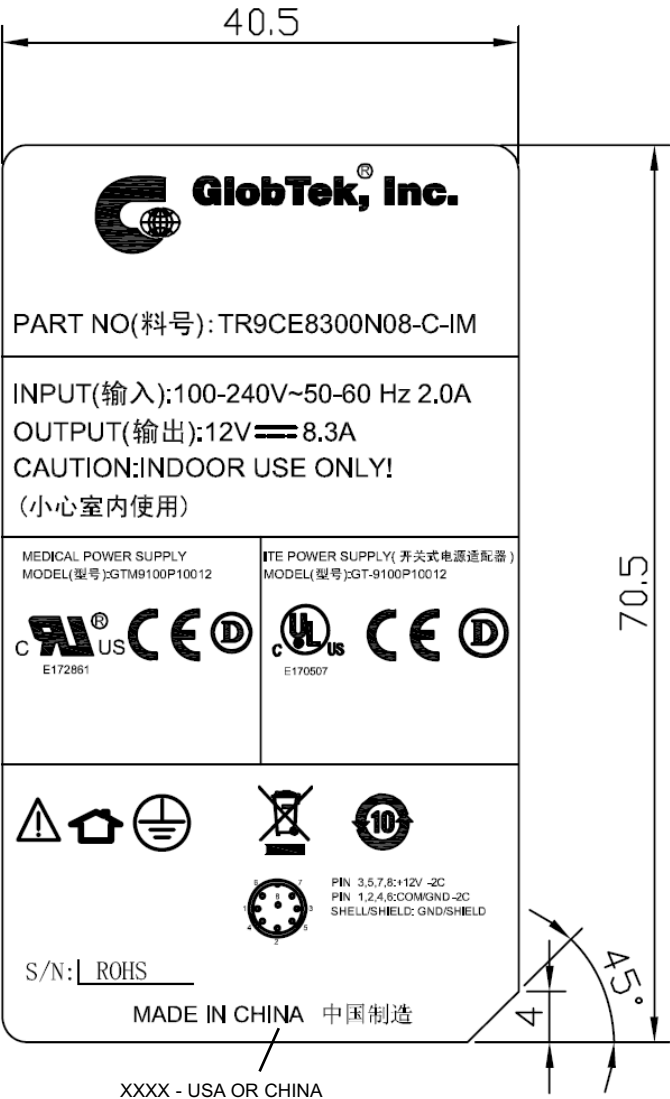
PART NO: **TR9CE8300N08-C-IM(R)**

SHEET 3 OF 6

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7. LABEL:

MATERIAL: .007 (0.18) THICK FLAT THERMAL TRANSFER, IMPRINTABLE, BLACK POLYESTER SHEET WITH WHITE NOMENCLATURE.  
MANUFACTURER: STEVEN LABEL, MATERIAL I.D. NO.3302-33, UL FILE NO. MH12821(N), UL MATERIAL  
DESIGNATION FILE NO. GHW332RL. OPTIONAL LABEL MATERIAL CAN BE SUBSTITUTED PROVIDING  
MATERIAL IS UL LISTED AND COMPLIES WITH APPLICABLE SAFETY REQUIREMENTS.



ACTUAL POSITIONING OF SYMBOLS AND TEXT IS SUBJECT TO CHANGE AT TIME OF MANUFACTURE

 <b>GlobTek, Inc.</b> www.globtek.com		186 Veterans Dr. Northvale, NJ 07647 Tel. 201-784-1000 Fax 201.784.0111
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MODEL NO: GTM9100P-100012-IM		REV. C
PART NO: TR9CE8300N08-C-IM(R)		SHEET 4 OF 6

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**8. PACKING :**

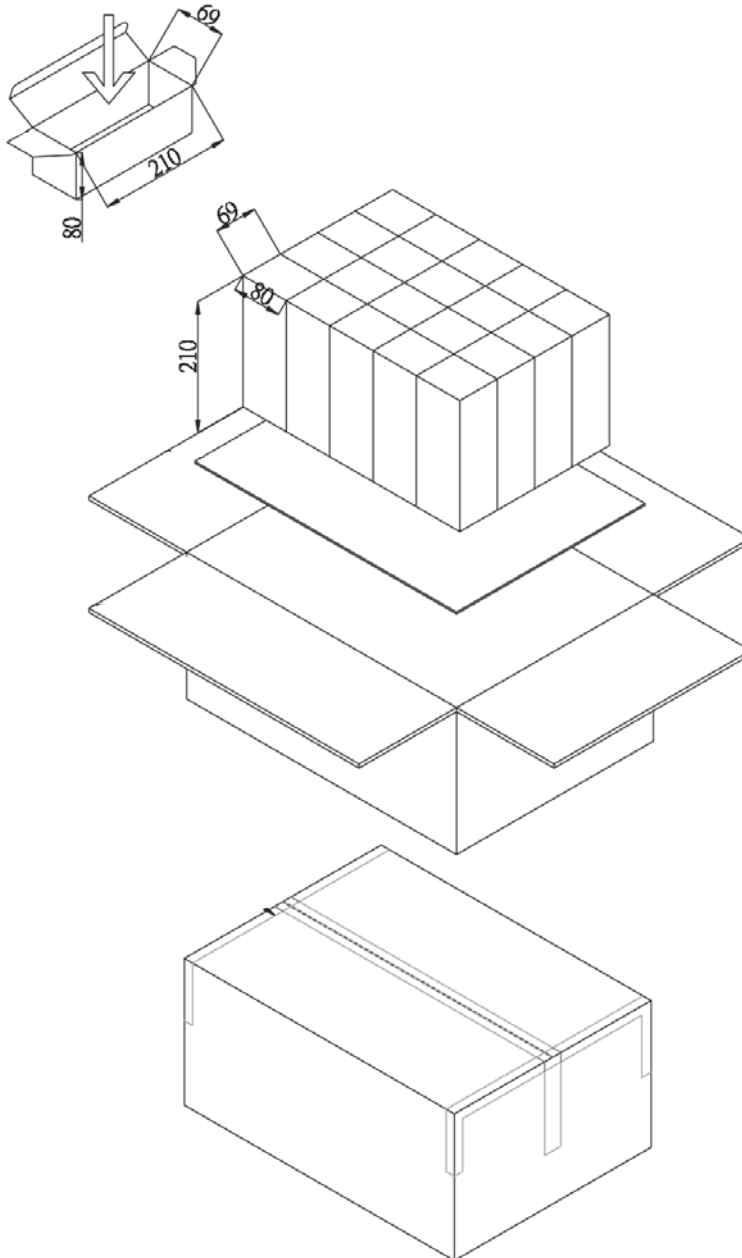
MATERIAL: CORRUGATED FIBERBOARD, F-FLUTE 0.8 (2.0) THICK, DOUBLE WALL CONSTRUCTION.

EXTERNAL FINISH: WHITE, COATED WITH GLOSS FINISH (AQUEOUS OR VARNISH) STYLE: TUCK SIDES WITH LOCKING TABS ON BOTH SIDES OF BOX. NO PRINTING ON THE OUTSIDE OF BOX.

CARTON SIZE: 425 x 300 x 235 +3, -0 mm

GIFT BOX SIZE: 210 x 69 x 80 ± 2 mm

20 pcs PER CARTON



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SINGLE OUTPUT, DESKTOP, UNIVERSAL INPUT

MODEL NO: GTM9100P-100012-IM

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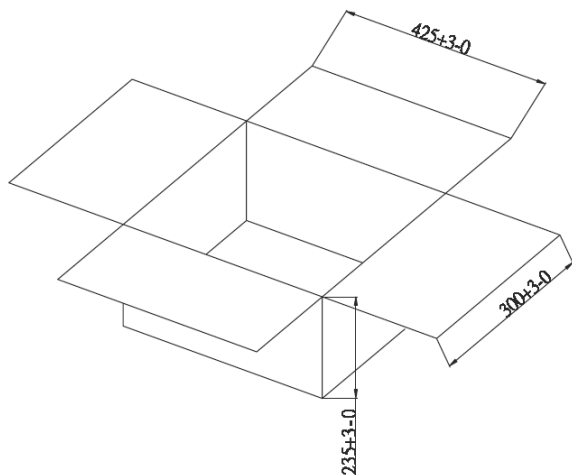
PART NO: TR9CE8300N08-C-1M(R)

SHEET 5 OF 6

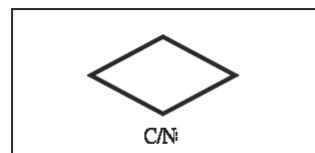
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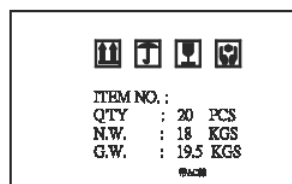
## 1. Box B=B



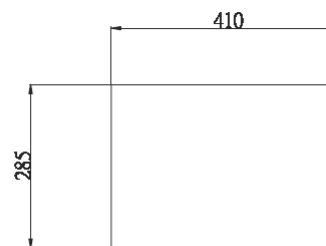
## 2. Box marking 1 (both sides)



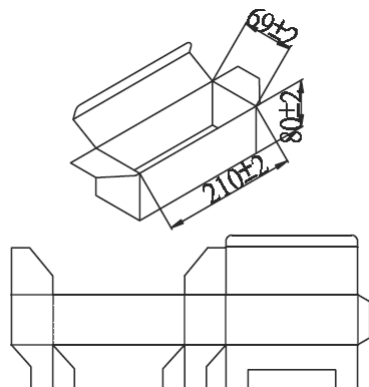
## 3. Box marking 2 (both sides)



## 4. Partition B33



## 5. White Box (20 pcs)



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SHEET 6 OF 6