

**PROPRIETARY INFORMATION:**  
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**REVISION HISTORY**

REV	DESCRIPTION	SALES	RFS	DATE	APPROVED
A	INITIAL RELEASE	BS	19135	7/28/2010	HM
B	UPDATED DRAWING TITLE, REMOVED WALL PLUG-IN			8/11/2010	HM
C	REMOVED FERRITE IN SECTION 5, FERRITE IS NOT REQUIRED	CL	19429	8/26/2010	HM
D	UPDATE CASE DIMENSIONS	HM		9/16/2010	HM
E	REMOVE FERRITE FROM O/P CORD, ADD CQC PSE & NRCAN TO LABEL	EM	21467	8/24/2011	HM
F	REMOVE PENDING FOR C-TICK APPROVAL	BS	24266	2/20/2013	HM
	UPDATED UL FILE E341351 4MU8 ON THE LABEL				
	UPDATED AS/NZS SAFETY SAA120378EA ON THE LABEL				
	UPDATED CASE DIMENSION 31mm TO 33mm				
	UPDATED LED COLOR TO GREEN				
	ADDED UKRAINE, ROHS2, UPDATE CCC ON LABEL				
	ADDED LPS TO THE LABEL, UPDATED ROHS 2 STANDARD EU 2011/65/EU				

! In Addition to GlobTek Inc.'s renewed ISO9001:2008 - Quality Management System Certification, GlobTek Inc. is now certified to:  
 ISO13485:2003 - Medical Devices Quality Management System Certification  
 ISO14001:2004 - Environmental Management System Certification  
[ISO Certificates are available On-Line by clicking this link](#)

**Customer Approval of Specification:**

Please approve, sign and send back to GlobTek so we can complete order processing.

A delay in receipt of this form will delay delivery schedule.

Company Name:

Customer P/N:

Quote Number:

Date:

Authorized Representative Name:

Authorized Representative Signature:


**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 instruction.

**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.

Contents of this document are subject to change without prior notice

 www.globtek.com	Drawing Title: SWITCHING POWER SUPPLY, UNIVERSAL INPUT	
	60 WATTS, 15 VOLTS @ 4.0 AMPS	
186 Veterans Drive, Northvale, NJ 07467 Tel. 201-784-1000 Fax 201-784-0111	MODEL NO: GT-41132-6024-9.0-T3	
	PART NO: TR9CG4000CCP-N(RV)	REV E

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**1. NOTES:**

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.



**2. ELECTRICAL SPECIFICATIONS:**

INPUT VOLTAGE:	<input type="text" value="100-240"/>	VAC
INPUT CURRENT:	<input type="text" value="1.5"/>	Amp RMS MAX
INPUT FREQUENCY:	<input type="text" value="47-63"/>	Hz
OUTPUT VOLTAGE:	<input type="text" value="15"/>	VDC
OUTPUT CURRENT:	<input type="text" value="4"/>	A, NO MINIMUM LOAD REQUIRED TO MAINTAIN OUTPUT VOLTAGE REGULATION
OUTPUT POWER (RATED):	<input type="text" value="60"/>	WATTS MAX
OUTPUT LOAD REGULATION:	+/- 5% MEASURED AT O/P CONNECTOR	
LINE VOLTAGE REGULATION:	+/- 1% TYPICAL MEASURED AT THE OUTPUT CONNECTOR	
OUTPUT RIPPLE (PEAK TO PEAK):	1% OR 150 mV WHICHEVER IS GREATER. MEASURED AT 20 MHz BANDWIDTH WITH 0.1 µf CERAMIC CAPACITOR IN PARALLEL WITH 10 µf ELECTROLYTIC CAPACITOR CONNECTED AT THE END OF OUTPUT CONNECTOR AT NOMINAL LINE	
TURN-ON/TURN-OFF OVERSHOOT:	5% MAXIMUM, 1mS TYPICAL RECOVERY TIME FOR 25% STEP LOAD	
TURN-ON DELAY:	1 SECOND, TYPICAL	
HOLD-UP TIME:	8mS TYPICAL AT NOMINAL INPUT VOLTAGE AND FULL LOAD	
INRUSH CURRENT:	30A TYPICAL AT 115VAC INPUT AND 60A TYPICAL AT 230 VAC INPUT	
SWITCHING FREQUENCY:	65 KHz TYPICAL	

**PROTECTION**

OVER-VOLTAGE:	PROTECTED WITH ZENER CLAMP ACROSS OUTPUT
SHORT CIRCUIT:	PROTECTED, UNIT WILL RECOVER UPON REMOVAL OF FAULT
INPUT:	INPUT LINE FUSING

**SAFETY:**

DIELECTRIC WITHSTAND VOLTAGE:	<input type="text" value="4242"/>	VDC FROM PRIMARY TO SECONDARY
EARTH LEAKAGE:	<3.5 mA AT 240 VAC INPUT VOLTAGE	

**APPROVALS**

[SAFETY DOCUMENTS ARE AVAILABLE ONLINE BY CLICKING THIS LINK.](#)

SAFETY APPROVAL:	UL60950-1, CUL TO 22.2 #60950-1 2nd EDITION, NEMKO TO 60950-1, CCC TO GB4943-2001, GB9254-1998, GB17625.12003, GOST-R, UKRAINE CE CLASS I, C-TICK TO 55022, AS/NZS TO 60950-1:2003 INC A1-3 PSE TO J60950, CB REPORT, KOREAN KC 60950-1
EMI:	COMPLIES WITH EN55022 CLASS B AND FCC PART 15 CLASS B, VCCI WHEN TESTED WITH RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED EMI
CE MARK:	TESTED TO COMPLY WITH EN55022:1998_A1:2000, EN610003-2, E610003-3 INCLUDING EN61204-3:2000, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6N EN61000-4-11
C-TICK:	TESTED TO COMPLY WITH AUSTRALIA SECTION 182 OF THE RADIO COMMUNICATION ACT OF 1992.
EFFICIENCY:	ENERGY STAR VERSION 2.0, LEVEL V COMPLIES TO SECTION 301 OF THE ENERGY INDEPENDENCE AND SECURITY ACT (EISA) CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CODE OF CONDUCT (EUROPE)

**OTHERS**

MTBF:	200,000 HOURS AT 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
RoHS 2:	COMPLIES WITH EU 2011/65/EU AND CHINA SO/T 11363-2006

GlobTek, Inc.

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Tel. 201-784-1000 Fax 201-784-0111

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60 WATTS, 15 VOLTS @ 4.0 AMPS

MODEL NO: GT-41132-6024-9.0-T3

PART NO: TR9CG4000CCP-N(RV)

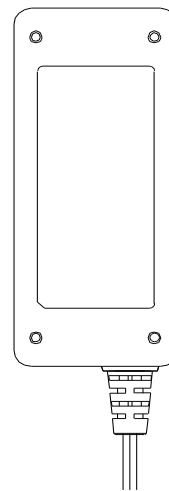
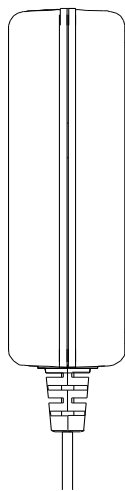
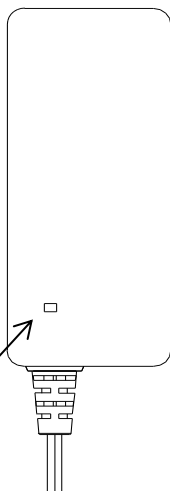
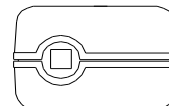
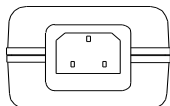
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**3. ENCLOSURE:**

MATERIAL 94V-0 POLYCARBONATE  
COLOR: COOL GRAY PANTONE # 11C  
DIMENSIONS: 47 x 112 x 33mm +/- 1.0  
AC INLET IEC 60320 / C14



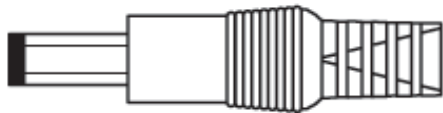
LED INDICATOR  
GREEN = "ON"

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**5. OUTPUT CORD AND CONNECTOR:**

ACTUAL CONNECTOR'S, OVERMOLDS, FERRITES, MAY VARY SLIGHTLY FROM THE PICTURE BELOW



	EQUIVALENT	Y / N	
CABLE TYPE			SPT-1
CABLE LENGTH			1530mm + 150 - 0
WIRE GAUGE (AWG)			18AWG
HANK DIMENSION			70 ± 10mm
CABLE / CONNECTOR OVERMOLD COLOR			COOL GRAY PANTONE # 11C
FERRITE TYPE / DIMENSION			N/A
FERRITE # OF TURNS			N/A
FERRITE DIMENSION FROM STRAIN RELIEF			N/A
FERRITE DIMENSION FROM PLUG			N/A
PLUG TYPE		Y	N/A
OVER MOLD ORIENTATION			STRAIGHT
PLUG DIMENSIONS			5.5 x 2.1 x 11mm
BARREL PLUG INTERNAL SPRING CLIP			NO
BARREL PLUG LOCKING NOTCH			NO
POLARITY			CENTER POSITIVE
STRIP LENGTH			N/A
TIN LENGTH			N/A
ADDITIONAL REQUIREMENTS			N/A

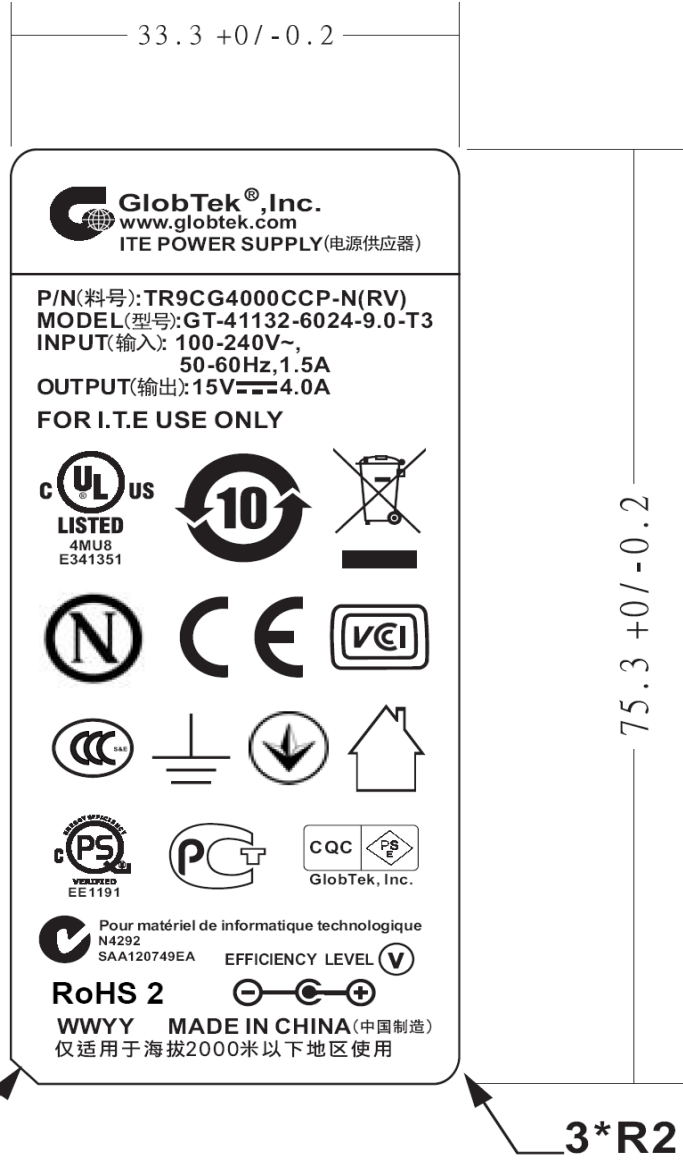
[ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE BY CLICKING THIS LINK.](#)  
[STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE BY CLICKING THIS LINK](#)

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**6. LABEL:**

MATERIAL: FLAT THERMAL TRANSFER, IMPRINTABLE, POLYESTER SHEET  
 BACKGROUND COLOR: COOL GRAY PANTONE # 11C  
 TEXT COLOR: WHITE OR SILVER  
 LABEL WIDTH: (mm) 33.3 mm  
 LABEL HEIGHT: (mm) 75.3 mm



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

<b>GlobTek, Inc.</b> www.globtek.com 186 Veterans Drive, Northvale, NJ 07467 Tel. 201-784-1000 Fax 201-784-0111	Drawing Title: SWITCHING POWER SUPPLY, UNIVERSAL INPUT 60 WATTS, 15 VOLTS @ 4.0 AMPS	
	MODEL NO: GT-41132-6024-9.0-T3 PART NO: TR9CG4000CCP-N(RV)	REV E

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**7. PACKAGING:**

GIFT BOX SIZE:

60 x 140 x 50mm

GIFT BOX COLOR:

WHITE

CARTON SIZE:

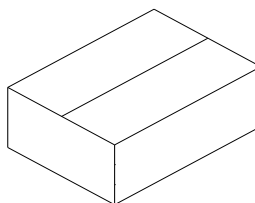
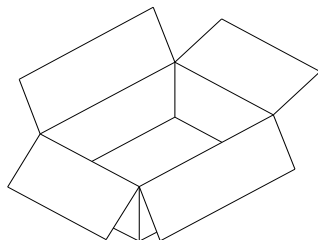
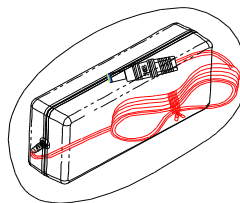
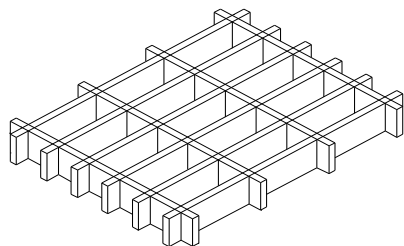
470 x 323 x 268mm

QUANTITY PER CARTON:

60 (15\*4)

G.W.

15.6 kgs



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CHINA RoHS SELF DISCLOSURE TABLE

有毒有害物质或元素名称及含量标准形式 Name and concentration of hazardous substance or element in product						
零件名 Name of part	剧毒有害物质或元素 Hazardous substance or element					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr(VI)	多溴联苯 PBB	多溴二苯醚 PBDE
Diode (ITO-220AB) 二极管	X	○	○	○	○	○
SMD resistor SMD 电阻	X	○	○	○	○	○
SMD Diode SMD 二极管	X	○	○	○	○	○
PLUG 直流输出端子	X	○	○	○	○	○
AC PIN 交流输入端子	X	○	○	○	○	○

O: 表示该有毒有害物质在这部件中所有同质材料中的含量均在SJ/T 11363-2006规定的限量要求以下。  
 O: refers to the concentration of this hazard substance in the all homogenous materials in this part is below the concentration limit as stipulated in the standard SJ/T 11363-2006.

X: 表示该有毒有害物质至少在这部件中的某一同质材料中的含量超出 SJ/T 11363-2006规定的限量要求。  
 X: refers to the concentration of this hazard substance at least in a homogenous material is higher than the concentration limit as stipulated in the standard SJ/T 11363-2006.