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REVISION HISTORY

REV	DESCRIPTION	SALES	RFS	DATE	APPROVED
F	UPDATE TO NEW TEMPLATE, CHANGE C-TICK FILE # TO SAA111102EA,				HM
	ADD NRCAN, IRAM, CQC, EFFICIENCY	EM	21854	11/4/2011	HM
G	ADD PSE INSPECTION RECORD	EM	21935	11/21/2011	HM

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

 GlobTek®, Inc.

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, 24VOLTS @ 2.5 AMPS

MODEL NO: GT-81081-6024-T3

PART NO: TR9CI2500CCP-F(R)

REV G

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1. NOTES:

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

**2. ELECTRICAL SPECIFICATIONS:**

INPUT VOLTAGE:	100-240	VAC
INPUT CURRENT:	1.5	Amp RMS MAX
INPUT FREQUENCY:	47-63	Hz
OUTPUT VOLTAGE:	24	VDC
OUTPUT CURRENT:	2.5	A, NO MINIMUM LOAD REQUIRED TO MAINTAIN OUTPUT VOLTAGE REGULATION
OUTPUT POWER (RATED):	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 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.	
TURN-ON/TURN-OFF OVERSHOOT:	5% MAX 500µS RECOVERY TIME FOR 25% STEP LOAD	
TURN-ON DELAY:	2 SEC MAX	
HOLD-UP TIME:	8 mSEC MIN AT 120 VAC, INPUT AND FULL LOAD	
INRUSH CURRENT:	40 A MAX AT COLD START AT 120VAC AND 60A AT 230VAC	
SWITCHING FREQUENCY:	84 % TYPICAL AT FULL LOAD	

PROTECTION

OVER-VOLTAGE:	PROTECTED, UNIT WILL AUTORECOVER UPON REMOVAL OF FAULT
SHORT CIRCUIT:	PROTECTED, UNIT WILL AUTORECOVER UPON REMOVAL OF FAULT
INPUT:	INPUT LINE FUSING

SAFETY:

DIELECTRIC WITHSTAND VOLTAGE:	4242	VDC FROM PRIMARY TO SECONDARY
EARTH LEAKAGE:	<3.5 mA AT 240 VAC	

APPROVALS

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

SAFETY APPROVAL:	UL60950-1, CUL TO 22.2 #60950-1, DEMKO TO 60950-1, CCC TO GB4943-2001, GB9254-1998, GB17625.12003, GOST-R CE CLASS II, AS/NZ TO 60950, C-TICK TO 55022, PSE TO J60950, CB REPORT, NRCAN
EMI:	COMPLIES WITH EN55022, CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED EMI, TUV 'EMC' MARK, VCCI
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 W/RADIO TELECOMMUNICATION ACT OF 1992.
EFFICIENCY:	COMPLIES WITH ENERGY STAR TIER 2 (NORTH AMERICA), CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CECP TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CODE OF CONDUCT (EUROPE) 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:	COMPLIES WITH EU 2002/95/EC AND CHINA SO/T 11363-2006

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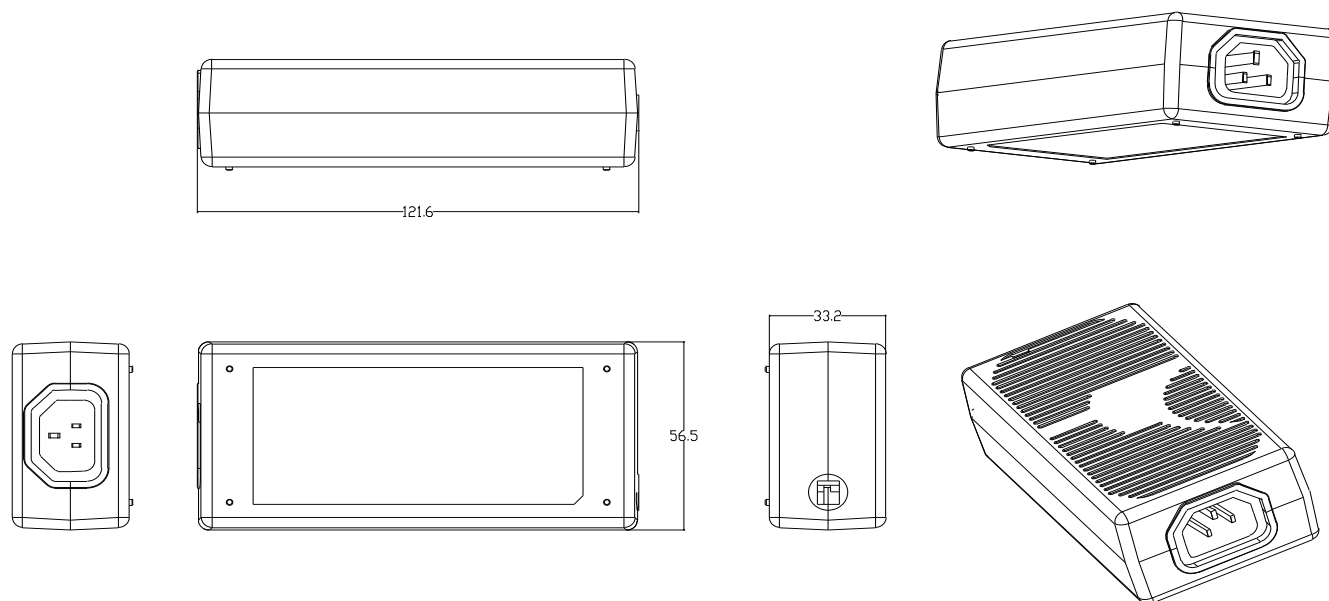
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3. ENCLOSURE:

MATERIAL 94V-0 POLYCARBONATE
COLOR: BLACK
DIMENSIONS: 121.6 x 56.5 x 33.2mm +/- 1.0
AC INLET IEC 60320 / C8




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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		1C+SHIELD, UL1185
	CABLE LENGTH		1830mm + 100 - 0
	WIRE GAUGE (AWG)		18AWG
	HANK DIMENSION		110 ± 10mm
	CABLE / CONNECTOR OVERMOLD COLOR		BLACK
	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	BARREL
	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.](#)

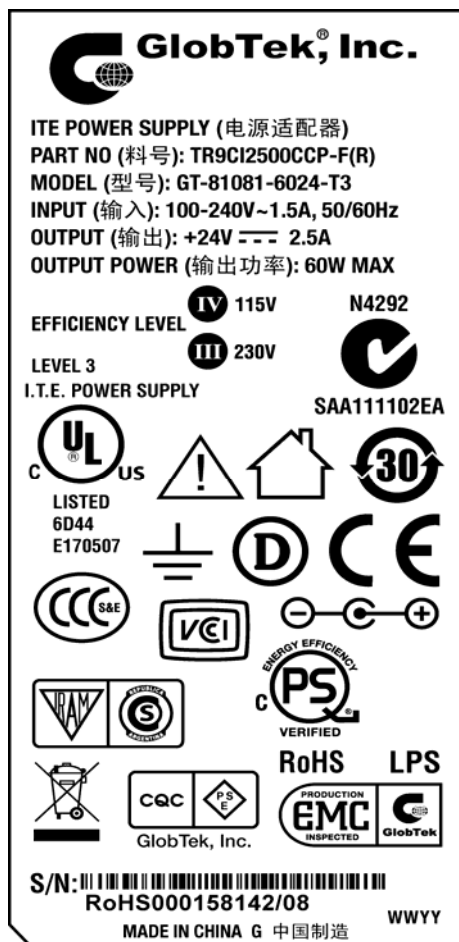
[STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE BY CLICKING THIS LINK](#)

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6. LABEL:

MATERIAL	FLAT THERMAL TRANSFER, IMPRINTABLE, POLYESTER SHEET
BACKGROUND COLOR:	BLACK
TEXT COLOR:	WHITE OR SILVER
LABEL WIDTH: (mm)	40.4 mm
LABEL HEIGHT: (mm)	90.7 mm



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

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PART NO: TR9CI2500CCP-F(R)	REV G

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7. PACKAGING:

GIFT BOX SIZE:

142 x 62 x 60mm

GIFT BOX COLOR:

WHITE

CARTON SIZE:

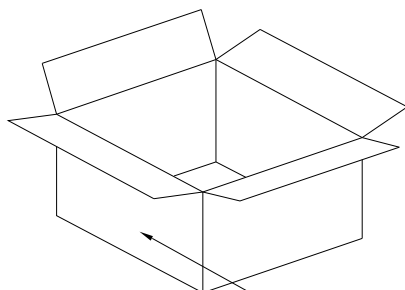
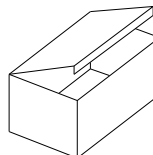
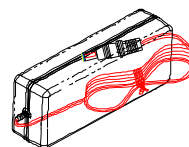
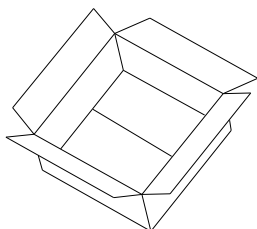
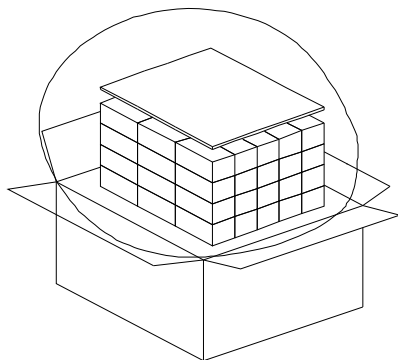
442 x 330 x 275mm

QUANTITY PER CARTON:

60 (15*4)

G.W.

15.6 kgs

GIFT BOX**GlobTek, Inc.**CHINA MANUFACTURING
MADE IN CHINA

GLOBTEK L/R #

GLOBTEK PART #

Quantity/Carton:

Carton # of #

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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	○	○	○	○	○
○: 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。 ○: 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.						



GlobTek® (Suzhou) Co., Ltd.

医疗、军工、资讯、车载、特种电源

ISO 9001:2000
REGISTERED

PSE Products Inspection Record **PART#: TR9CI2500CCP-F(R)** L/R#:

Name of Electrical Appliances: DC Power Supply

Model Name: GT-81081-6024-T3

Classification: Refer to Appendix A

Construction, Material and Performance: Refer to Appendix A

Date/Month/Year of the Test: Show Actual Test Date

Place of the Test: GlobTek China QA Dept.

Test conducted by: GlobTek China Show Actual Test Operator Name

Number of Electrical Appliances tested: Show Actual LOT QTY

Serial Number: Show Actual S/N Range

Test Method: Chroma Automatic Test Equipment, Hi-Pot Tester

Test Result:

Visible Inspection	Dielectric Strength I/P to O/P 4242VDC, 2sec I/P to GND 2121VDC, 2sec	Functioning Test
Pass except below mentioned	Pass except below mentioned	Pass except below mentioned
<input type="text"/> pcs - PASS	<input type="text"/> pcs - PASS	<input type="text"/> pcs - PASS
Serial No. of Failed products <input type="text"/> Show PASS QTY		
Nil	Nil	Nil
Nil	Nil	Nil
Nil	Nil	Nil

This record shall be kept for three years from the day test conducted.

Approved: _____

Hans Moritz, QA Manager

QCS-2006-R1, Test Report
Medical, Rev 3,
3/6/2008