

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.

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)

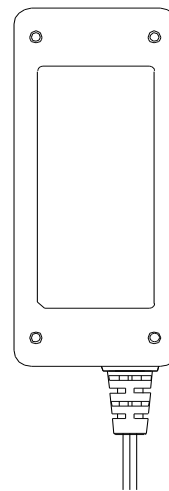
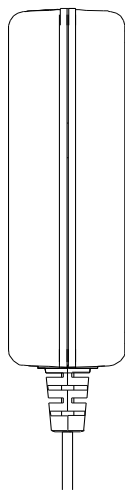
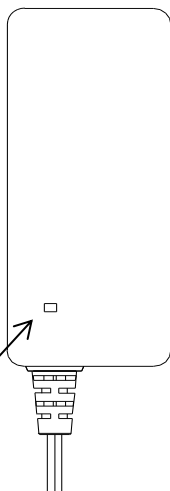
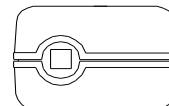
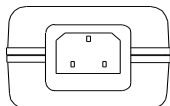
REV E

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3. ENCLOSURE:

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



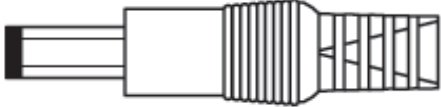
LED INDICATOR
GREEN = "ON"

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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 | |

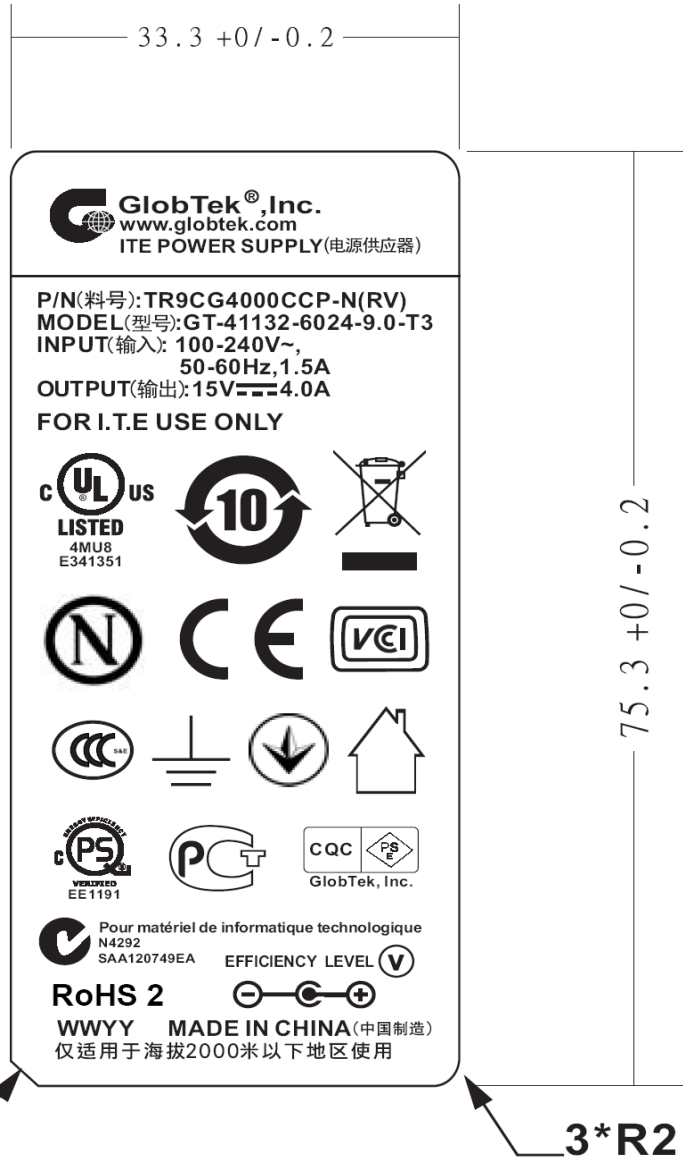
[ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE BY CLICKING THIS LINK.](#)
[STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE BY CLICKING THIS LINK](#)

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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

| | | |
|--|---|-----------------------------|
| 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, 15 VOLTS @ 4.0 AMPS | |
| | MODEL NO: GT-41132-6024-9.0-T3 | PART NO: TR9CG4000CCP-N(RV) |
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7. PACKAGING:

GIFT BOX SIZE:

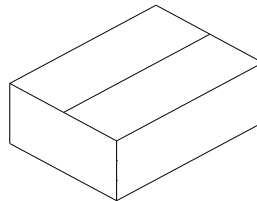
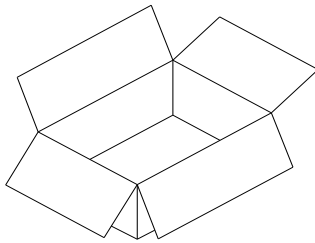
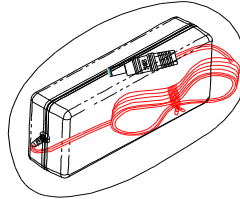
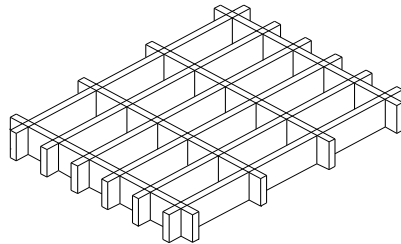
GIFT BOX COLOR:

CARTON SIZE:

QUANTITY PER CARTON:

G.W.

| |
|-------------------|
| 60 x 140 x 50mm |
| WHITE |
| 470 x 323 x 268mm |
| 60 (15*4) |
| 15.6 kgs |
| |



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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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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.