

PROPRIETARY INFORMATION: PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.	REVISION			
	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE, RFS. 16857, EM	08/14/09	HM
	B	UPDATE CUST. P/N & SHIP TO ADDRESS, RFS. 17733, EM	12/17/09	HM
	C	UPDATE CUST. P/N & SHIPPING LABEL, RFS. 17760, EM	12/23/09	HM
	D	UPDATE DRW OF O/P CONNECTOR, RFS. 17818, EM	01/06/10	HM
	E	UPDATE MODEL , RFS. 18138, EM	02/18/10	HM
	F	ADD SAF.APPR. C-TICK, BSMI, SING., LPS TO LABEL, RFS. 19069, EM	07/27/10	HM

1. NOTES:

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

2. ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:	100-240 VAC
INPUT CURRENT:	< 0.6 A RMS MAX
INPUT FREQUENCY:	47 - 63 HZ
OUTPUT VOLTAGE :	12 VDC
OUTPUT CURRENT :	2.08 A, NO MINIMUM LOAD REQUIRED
OUTPUT POWER (RATED):	25 WATTS MAX
OUTPUT RIPPLE VOLTAGE (PEAK TO PEAK):	+/-1% OR 150 mV WHICHEVER IS GREATER AT 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.
OUTPUT REGULATION:	± 5 % OF NOMINAL OUTPUT VOLTAGE, MEASURED AT O/P CONNECTOR AT NOMINAL LINE
LINE REGULATION:	± 1 % MAX AT FULL LOAD
TURN ON/ TURN OFF OVERSHOOT:	5% MAX 500µS MAX RECOVERY TIME FOR 25% TO 50% STEP LOAD
TURN-ON DELAY:	3000 mSEC MAX AT FULL LOAD, 115 VAC
HOLD-UP TIME:	10 mSEC MIN AT NOMINAL INPUT AND FULL LOAD
INRUSH CURRENT:	30 A MAX AT COLD START 120 VAC, 60A MAX COLD START 230VAC
SWITCHING FREQUENCY:	66.5 KHz TYPICAL
OVER-VOLTAGE PROTECTION:	PROTECTED, HICCUP WITH AUTO RECOVERY
OVER-LOAD:	PROTECTED, HICCUP WITH AUTO RECOVERY
SHORT CIRCUIT:	PROTECTED, HICCUP WITH AUTO RECOVERY
NO LOAD POWER CONSUMPTION:	MEETS ENERGY STAR LEVEL IV, 115 VAC
OUTPUT INDICATOR:	BLUE LED FOR OUTPUT PRESENT
OTHER PROTECTION:	INPUT LINE AND NEUTRAL FUSING
SAFETY APPROVALS :	UL60950-1, CUL TO 22.2 # 950, DEMKO TO EN60950-1, CE, CB REPORT
DIELECTRIC WITHSTAND VOLTAGE:	4242 VDC PRIMARY-SECONDARY
LEAKAGE CURRENT:	≤ 0.3 mA AT 240 VAC
EMI:	COMPLIES WITH EN55022 CLASS B, VCCI AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED EMI
CE MARK:	TESTED TO COMPLY WITH EN 60601-1-2:2001, EN61000-3-2 , EN61000-3-3, INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11
EFFICIENCY:	COMPLIES TO SECTION 301 OF ENERGY INDEPENDENCE AND SECURITY ACT (EISA) COMPLIES WITH ENERGY STAR TIER 2 (NORTH AMERICA), CEC TIER 2 (CHINA), MEPS TIER 2 (AUSTRALIA), CODE OF CONDUCT (EUROPE) 5.0 ~ 6.9V WITH 1000 mm CABLE ONLY
MTBF:	200,000 HOURS AT 25°C AMBIENT TEMPERATURE
OPERATING TEMPERATURE:	0°C TO 40° C
STORAGE TEMPERATURE:	-40°C TO 80° C
HUMIDITY:	0% TO 90% RELATIVE HUMIDITY
ROHS:	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
		TABULATION BLOCK				
				TOLERANCES: DECIMALS .xx +/- 0.1 ANGULAR +/- 1° MILLIMETERS .xx +/- 0.3 ANGULAR +/- 1° FSCN No.: G, N SIZE A CAGE CODE: 0GV V90 SCALE: NONE	 GlobTek, Inc. www.globtek.com 186 Veterans Dr. Northvale, NJ 07647 Tel. 201-784-1000 Fax 201.784.0111	
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.		INIT.BY: EM	DATE: 08/14/09	DWG TITLE: WALL PLUG-IN SWITCHING POWER SUPPLY, 25WATTS, N.A., EURO. UK, SAA UNIVERSAL INPUT, ITE, CLASS II		
Contents of this document are subject to change without prior notice	APRVD: HM	DRAWN: NF	DATE: 08/14/09	MODEL NO:	GT-41060-2512	REV. F
		PART NO:	GS-2034(RE)		SHEET 1 OF 7	

PROPRIETARY INFORMATION:

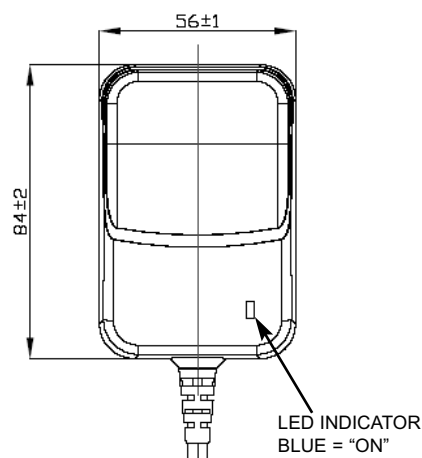
PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

3. ENCLOSURE

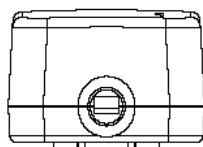
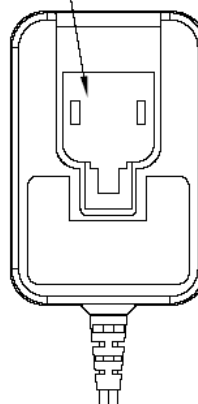
UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK

LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON- VENTED, COLOR BLACK

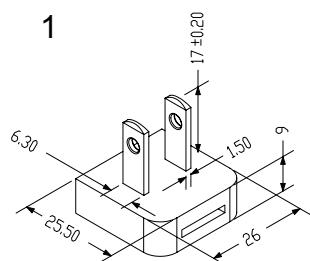
SIZE: 84 (± 2 mm) x 56 x 37.9(± 1 mm)



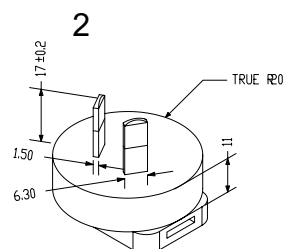
SHIPS WITH Q-EU(R) PINS INSTALLED

**4. INPUT CONNECTOR**

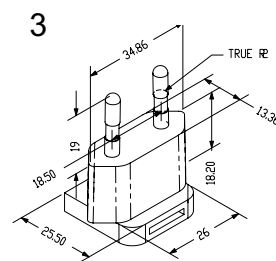
INPUT CONNECTORS OPTIONS (OPTIONAL 1-3 ARE INCLUDED)		Input connector Q-Kit
1	CLASS II MODEL NEMA 1-15P AC POWER PLUG WITH 2 PRONGS, Q-NA(R)	X
2	AUSTRALIAN CONFIGURATION: SAA 2 PINS CLASS II, Q-SAA(R)	X
3	EUROPEAN CONFIGURATION: EUROPLUG 2 PINS, CLASS II, Q-EU(R)	X



P/N: Q-NA (R)
NORTH AMERICA
JAPAN



P/N: Q-SAA(R)
AUSTRALIA
CHINA

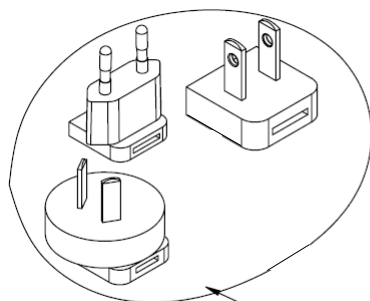


P/N: Q-EU(R)
EUROPE
SOUTH AMERICA

KIT INCLUDING:
Q-NA(R), Q-SAA(R), Q-EU(R)
1 PIECE EACH: Q-KIT



POLYBAG WITH Q-NA(R), Q-SAA(R)
IS INCLUDED INSIDE POWER SUPPLY GIFT BOX



PE BAG: 200X110X0.045mm

GlobTek, Inc.
www.globtek.com

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

DWG TITLE: WALL PLUG-IN SWITCHING POWER SUPPLY, 25WATTS,
N.A., EURO. UK, SAA UNIVERSAL INPUT, ITE, CLASS II

MODEL NO: GT-41060-2512

REV.
F

PART NO: GS-2034(RE)

SHEET 2 OF 7

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR
USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY
PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

1 CONDUCTOR+SHIELD, 18 AWG STRANDED WIRE, ROUND UL# 1185, COLOR BLACK, LENGTH (L) OF CORD: 1830 +150, -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. CABLE HAS MOLDED INLINE FERRITE.

+150
 1830-0
 50±10
 50±5
 9±2
 5MAX
 Thermal Contraction Sleeving
 S&T
 Ferrite core with two turns wire
 14.2X28.5X8.2
 80±10
 PIN 1,2,3,4,5,8,9,10: N/C
 PIN 6: GND
 PIN 7: +12V

Technical drawing of the GlobTek GS-2034(RE) power supply unit, showing dimensions and markings.

Dimensions:

- Top: 11.5, 22.8, 11.5
- Left: 40.8+0/-0.2
- Right: 27.8
- Bottom: 45.8+0/-0.2

Markings and Labels:

- CE** (Conformité Européenne)
- VCE** (Voltage Control Efficiency)
- GlobTek, Inc.** (Manufacturer)
- ITE POWER SUPPLY** (Internal Type Power Supply)
- P/N: GS-2034(RE)** (Part Number)
- MODEL: GT-41060-2512** (Model Number)
- INPUT: 100-240 VAC, 50-60 Hz, 0.6A** (Input Specifications)
- OUTPUT: 12VDC 2.08A** (Output Specifications)
- LPS** (Low Power Standby)
- R32282** (Revision Number)
- UL** (Underwriters Laboratories) **E170507** (UL File Number)
- SAFETY MARK** (Safety Marking)
- RoHS** (Restriction of Hazardous Substances)
- MADE IN XXXX** (Country of Origin)
- DATE CODE: WW - WEEK YY - YEAR** (Date Code Format)
- XXXX - USA OR CHINA** (Country Code)

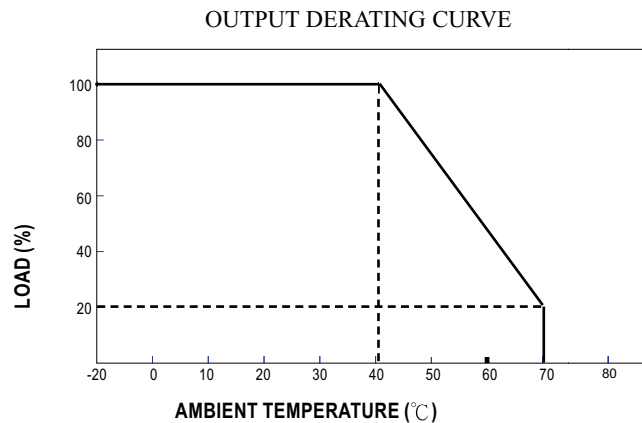


GlobTek, Inc.
www.globtek.com

SHEET 3 OF 7

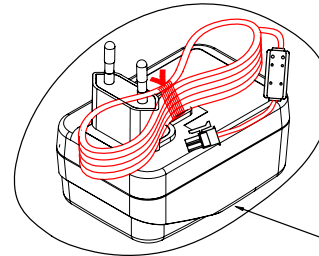
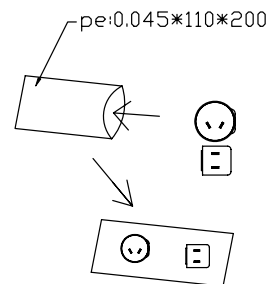
PROPRIETARY INFORMATION:

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

8. OUTPUT DERATING CURVE :**9. PACKING:**

CARTON SIZE: 380X320X225mm

Q'TY: 30pcs(15x2)



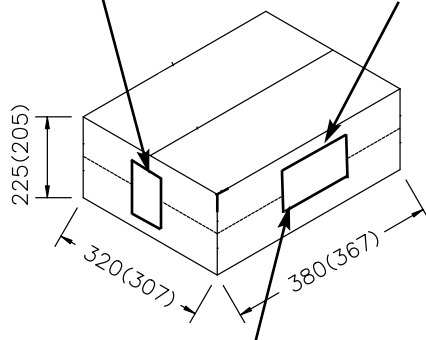
PE BAG(SIZE:200*150)

TOP OF LABEL

UNIT GIFT BOX CODE LABEL
(SEE P.5)

SHIPPING LABEL
CENTERED ON SIDE
(SEE P.6)

TOP OF LABEL



OUTER CARTON LABEL:



POWER SUPPLY 3 PLUGS
SPECIFIC CODE: WM24509
GENERIC CODE: WVMFWM24510

80 mm



SHIPS WITH Q-EU(R) PINS INSTALLED



GlobTek, Inc.
www.globtek.com

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

DWG TITLE: WALL PLUG-IN SWITCHING POWER SUPPLY, 25WATTS,
N.A., EURO, UK, SAA UNIVERSAL INPUT, ITE, CLASS II

MODEL NO: GT-41060-2512

REV.
F

PART NO: GS-2034(RE)

SHEET 4 OF 7

PROPRIETARY INFORMATION:

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR
USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY
PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

9. UNIT GIFT BOX BAR CODE LABEL FORMAT:

NOTE: All bar code data fields must use Code 128. The density of the bar code symbol must be nominally 3.70 to 6.90 characters per inch. The density on any one label shall be identical.



GlobTek, Inc.
www.globtek.com

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

DWG TITLE: WALL PLUG-IN SWITCHING POWER SUPPLY, 25WATTS,
N.A., EURO. UK, SAA UNIVERSAL INPUT, ITE, CLASS II

MODEL NO: GT-41060-2512

REV.
F

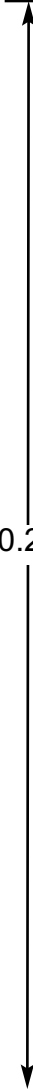
PART NO: GS-2034(RE)

SHEET 5 OF 7

PROPRIETARY INFORMATION:

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR
USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY
PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

SHIPPING LABEL

 75.0+0,-0.2 mm	FROM: Globtek, Inc. 186 Veterans Dr. Northvale, NJ, 07647, USA	
	TO: Flextronics Electro Tech. No 268, Suhong Zhong Rd. Suzhou Industrial Park Suzhou, PRC 215126	
	(K) P.O. NO. :	← To be advised
		
	(P) CUST. PART NO. WVMFWM24510	
		
	(Q) SHIPMENT QTY: 540	
		
		C.O.O.: CN
		
(1P) MANUF.PART NO: GS-2034(RE)		
		
(C) CARTON QTY: 30		CARTON COUNT:
		X of Y

X - Incremental carton count
Y - total numbers of cartons on this shipment
Example:
1 of 63
2 of 63
etc.

←

50.0+0,-0.2 mm

All bar code data fields must use Code 3 of 9 or Code 128.

Add prefix for below items:

1. Add "K" before PO number (for example, PO number is 9010151, the barcode will be read as K9010151)
2. Add "P" before part number (for example, part number is WM24509, the barcode will be read as PWM24509)
3. Add "Q" before quantity (for example, qty is 5040, the barcode will be read as Q5040)
4. Add "1P" before MPN (manufactured part number) (for example, MPN is GS-2034(R), the barcode will be read as 1PGS-2034R.
5. Add "C" before carton quantity.
6. No need to add prefix before Country of Origin.



GlobTek, Inc.
www.globtek.com

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

DWG TITLE: WALL PLUG-IN SWITCHING POWER SUPPLY, 25WATTS,
N.A., EURO. UK, SAA UNIVERSAL INPUT, ITE, CLASS II

MODEL NO: GT-41060-2512

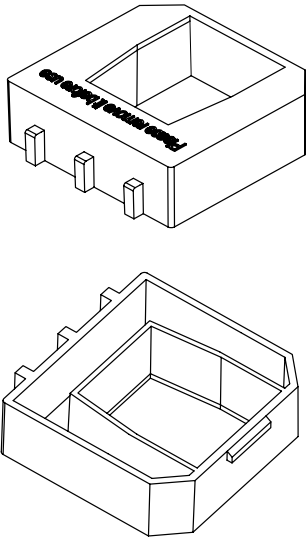
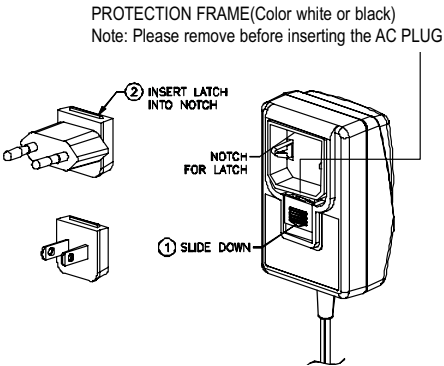
REV.
F

PART NO: GS-2034(RE)

SHEET 6 OF 7

PROPRIETARY INFORMATION:
PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR
USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY
PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

AC PLUG ASSEMBLY INSTRUCTION



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 (DF) 二极管	X	○	○	○	○	○
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.						

GlobTek, Inc.
www.globtek.com

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

DWG TITLE: WALL PLUG-IN SWITCHING POWER SUPPLY, 25WATTS,
N.A., EURO, UK, SAA UNIVERSAL INPUT, ITE, CLASS II

MODEL NO: GT-41060-2512

REV.
F

PART NO: GS-2034(RE)

SHEET 7 OF 7