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	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	03/12/03	PM
	B	UPDATE BARCODE LABEL & DELETE P.5	04/23/03	DMR
	C	UPDATE O/P CORD & CONNECTOR	05/09/03	DMR
	D	UPDATE LABEL AND AD PAGE 6	07/15/03	DMR
	E	UPDATE LABEL , RFS.2058, DMR	08/12/03	DMR
	F	UPDATE LABEL , RFS.3473, DMR	04/12/04	DMR
	G	ADD D, PCBC, ARG, RFS.5251, DMR	12/23/04	DMR
	H	ADD WEEE, RFS.6182, DMR	05/09/05	DMR

1. ELECTRICAL SPECIFICATION:

INPUT		
INPUT VOLTAGE:	90Vac TO 264Vac	
INPUT CURRENT:	<0.5Arms AT 90Vac INPUT	
INPUT FREQUENCY:	47HZ - 63HZ	
OUTPUT		
OUTPUT VOLTAGE:	6 VDC	
OUTPUT CURRENT:	2.5 A, NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED	
RATED OUTPUT POWER:	15 WATTS, MAXIMUM	
OUTPUT REGULATION:	+/-5% MEASURED AT THE OUTPUT CONNECTOR	
LINE VOLTAGE REGULATION:	+/- 1% TYPICAL MEASURED AT FULL LOAD	
HIGH FREQ. OUTPUT RIPPLE:	1% OF OUTPUT VOLTAGE , PEAK TO PEAK, TYPICAL	
TURN-ON/TURN-OFF OVERSHOOT:	5% MAXIMUM, 1mS TYPICAL RECOVERY TIME FOR 25% STEP LOAD	
TURN-ON DELAY:	1 SECOND, TYPICAL	
HOLD-UP TIME:	10mS TYPICAL AT NOMINAL INPUT VOLTAGE AND FULL LOAD	
INRUSH CURRENT:	30A TYPICAL AT 115Vac INPUT AND 40A TYPICAL AT 230Vac INPUT	
SWITCHING FREQUENCY:	100KHZ TYPICAL, VARIES WITH LINE AND LOAD	
EFFICIENCY:	75% TYPICAL AT NOMINAL INPUT AND FULL LOAD	
PROTECTION		
OVER-VOLTAGE:	VOLTAGE LIMITED TO LESS THAN 130%, CROWBAR METHOD	
OVERLOAD/SHORT CIRCUIT:	MOMENTARY SHORT CIRCUIT PROTECTED, OUTPUT WILL AUTORECOVER UPON REMOVAL OF SHORT	
INPUT PROTECTION:	INPUT FUSING; LINE FUSING	
SAFETY		
DIELECTRIC WITHSTAND VOLTAGE:	4242Vdc FROM PRIMARY TO SECONDARY	
FOR CLASS II WITH FUNCTIONAL EARTH VERSIONS:	< 300uA at 264Vac INPUT VOLTAGE	
EARTH LEAKAGE CURRENT:		
APPROVALS		
ITE UNITS:	UL 60950, CUL TO 22.2NO.60950, TUV TO EN60950 AND cTUVus TO UL 60950 FOR CLASS II FE AND AND CLASS II; CE FOR EMC, KTL EK MARK TO 60950 (FOR GT-21089-0909T3 ~ GT-21089-1305-T3), CHINESE CCC MARK TO GB4943-2001, GB9254-1998, GB17625.1-2003 (GT-21089-T3 FROM 5~18V OUTPUT), PSE TO J60950, AS/NZ 60950, DEMKO TO EN 60950, PCBC TO EN 60950, ARGENTINA TUV/S, CB REPORT	
EMI:	COMPLIES WITH EN55022 CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED EMI	
C-TICK	TESTED TO COMPLY WITH AUSTRALIA SECTION 182 OF THE RADIO COMMUNICATION ACT OF 1992.	
CE MARK:	TESTED TO COMPLY WITH EN61000-3-2 EN610003-3 AND EN50082-1 INCLUDING EN61000-4-2 (SYSTEM LEVEL), EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11 LEVEL 4.	
OTHERS		
MTBF:	GREATER THAN 50,000 HOURS AT 25C AMBIENT TEMPERATURE NOMINAL LINE AND FULL LOAD PER MIL-217 STANDARD	
OPERATING TEMPERATURE:	0°C TO 40°C AMBIENT TEMPERATURE	
HUMIDITY:	0% TO 90% RELATIVE HUMIDITY	
STORAGE TEMPERATURE:	-10°C TO 80°C	

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	DASH NO.	PART NO	REV.	DESCRIPTION		NOTES
	TABULATION BLOCK					
			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	
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.			MILLIMETERS ANGULAR .xx +/- 0.3 +/- 1° .xxx +/- .013		DWG TITLE: SWITCHER , 15 WATT, 6VDC@2.5A , SINGLE OUTPUT, DESKTOP UNIVERSAL INPUT, ITE, CLASS I	
	INIT.BY: DMR	DATE: 03/12/03	FSCN No.: G, Y	SIZE A	MODEL NO: GT-21089-1506-T3	REV. H
Contents of this document are subject to change without prior notice	DRAWN: NF	DATE: 03/12/03	SCALE: NONE		PART NO: GS30	SHEET 1 OF 7
	APRVD : DMR	DATE: 03/12/03				

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3. ENCLOSURE / INPUT CONNECTOR CONFIGURATION

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

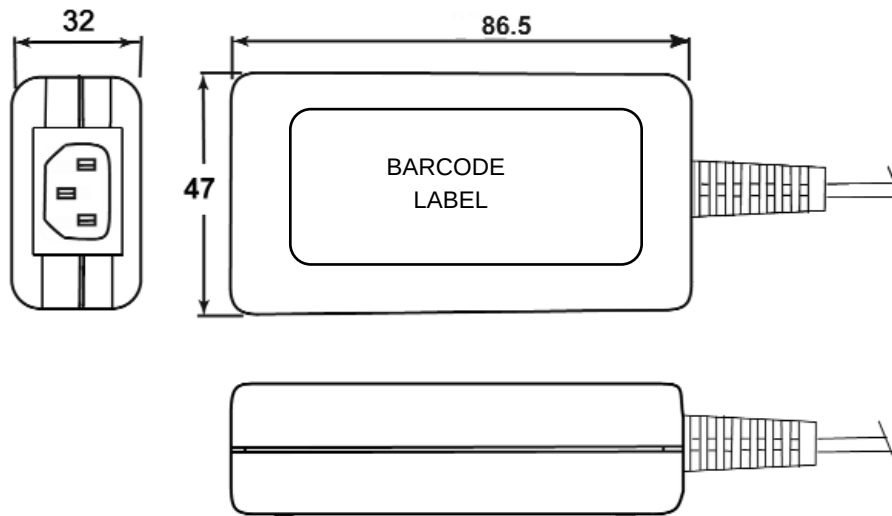
LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON- VENTED, COLOR BLACK

3.1 DESKTOP CLASS I (-T3):

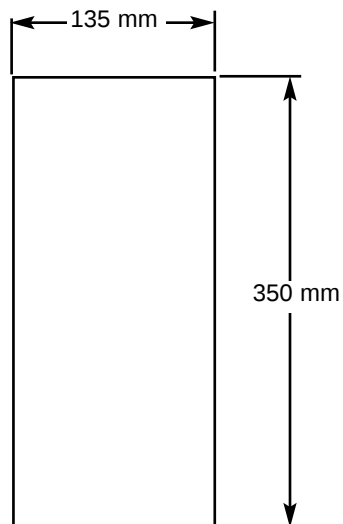
SIZE: 86.5 x 47 x 32 ± 0.5 mm

3.1.1. BARCODE LABEL:

PLACED ON THE TOP SURFACE CENTER OF THE UNIT, AS SHOWN, REF. GlobTek #900-2261(SEE PAGE 4)



3.1.2. INDIVIDUAL PACKING: POLYBAG



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DWG TITLE: SWITCHER , 15 WATT, 6VDC@2.5A , SINGLE OUTPUT, DESKTOP
UNIVERSAL INPUT, ITE, CLASS I

MODEL NO: GT-21089-1506-T3

REV.
H

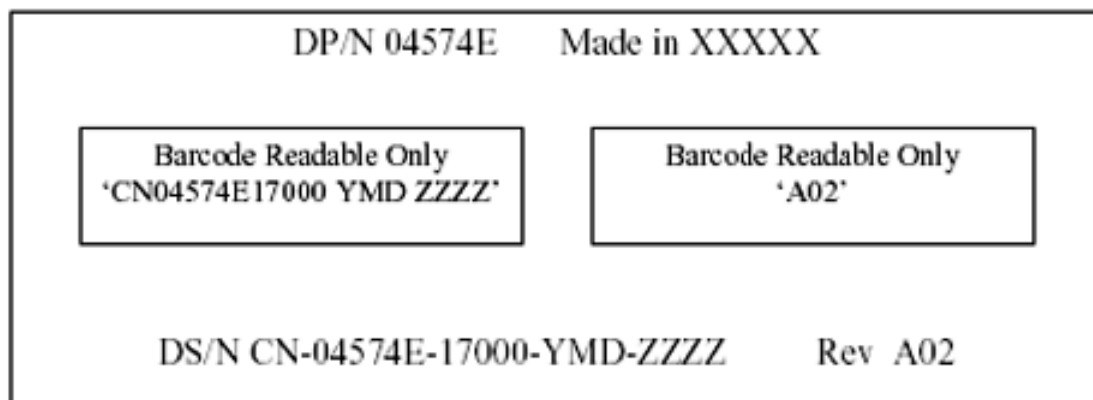
PART NO: GS30

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**UNIT LABEL FOR MODEL # GS-30
P/N 900-2261**



3 Inches

1 Inch

NOTE:

1. YMD – Three digit Date Code. This must be an alphanumeric character representing the year, month and day of manufacture:
Y : Last digit of the year (9 for 1999, 0 for 2000)
M: Use Numbers 1 - 9 and letters A - C (1 for Jan, 2 for Feb, B for Nov, C for Dec)
D : Use Numbers 1 - 9 and letters A – V (1 for 1st, 2 for 2nd, A for 10th).
2. Z – Four digit Sequence Number. This is a numeric sequence number that runs concurrent with the number of labels that are being printed for a particular date code. This number can be reset to start at '0001' for each new date code run.
3. 'Made in XXXXX' should reflect the country that is currently building the Power Adapter.
4. Bar Code: Subset 'A' of cod 128, 12.5 CPI.
5. All fonts: Times New Roman, size 11 Points minimum.
6. Label type: White Polyester or Topcoated paper 0.0020 in min.thickness with permanent acrylic adhesive.



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UNIVERSAL INPUT, ITE, CLASS I

MODEL NO: GT-21089-1506-T3

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4. INPUT CONNECTOR:

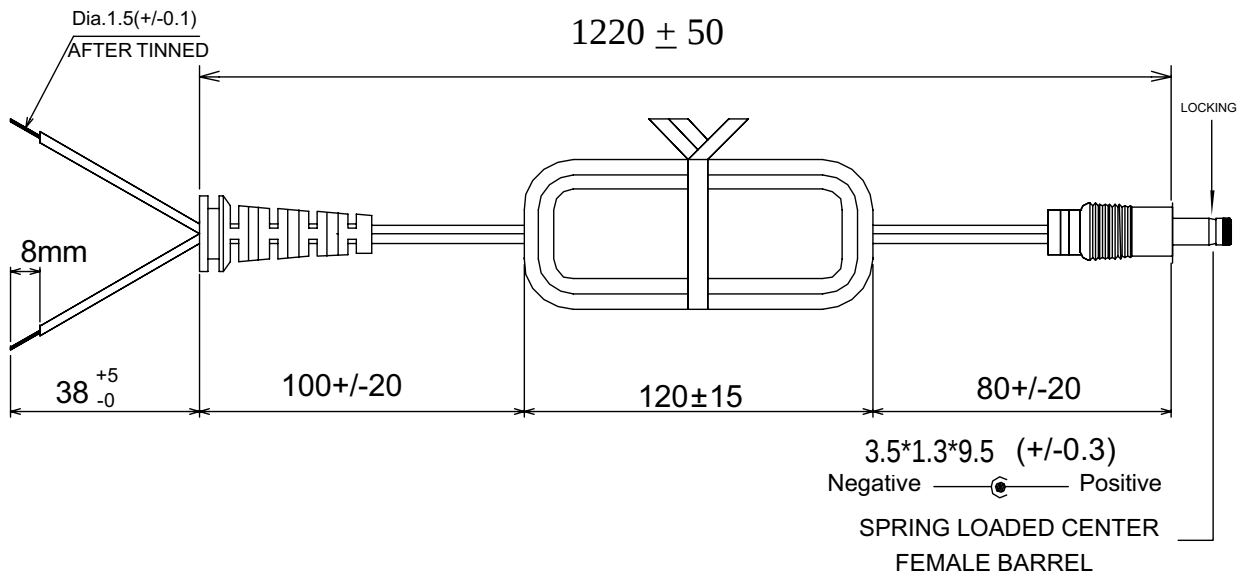
CONFIGURATION: CLASS I MODEL IEC320 / C14, AC POWER RECEPTACLE WITH 3 MALE PRONGS.
GROUND PRONG CONNECTED INTERNALLY BY AWG18 STANDED HOOK-UP WIRE, GREEN W/YELLOW STRIPES JACKET, TO Y SAFETY CAPACITORS COMMON.

5. OUTPUT CORD :

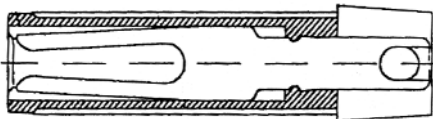
2 CONDUCTOR, 20 AWG STRANDED WIRE, FLAT SPT-1 CORD TYPE, COLOR BLACK, LENGTH(L)
OF CORD: 1220 ± 50 mm. CORD IS MEASURED FROM THE HOUSING TO THE END OF OVERMOLD OF THE CONNECTOR. CABLE IS TO BE MARKED WITH WIRE GAUGE, AND ALL APPLICABLE RATING AND SAFETY APPROVALS.

6. OUTPUT CONNECTOR:

STANDARD, STRAIGHT FEMALE BARREL $3.5 \times 1.3 \times 9.5$ mm (SPRING LOADED WITH LOCKING NOTCH)
WITH CENTER POSITIVE



INTERNAL VIEW
SPRING LOADED CENTER



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MODEL NO: GT-21089-1506-T3

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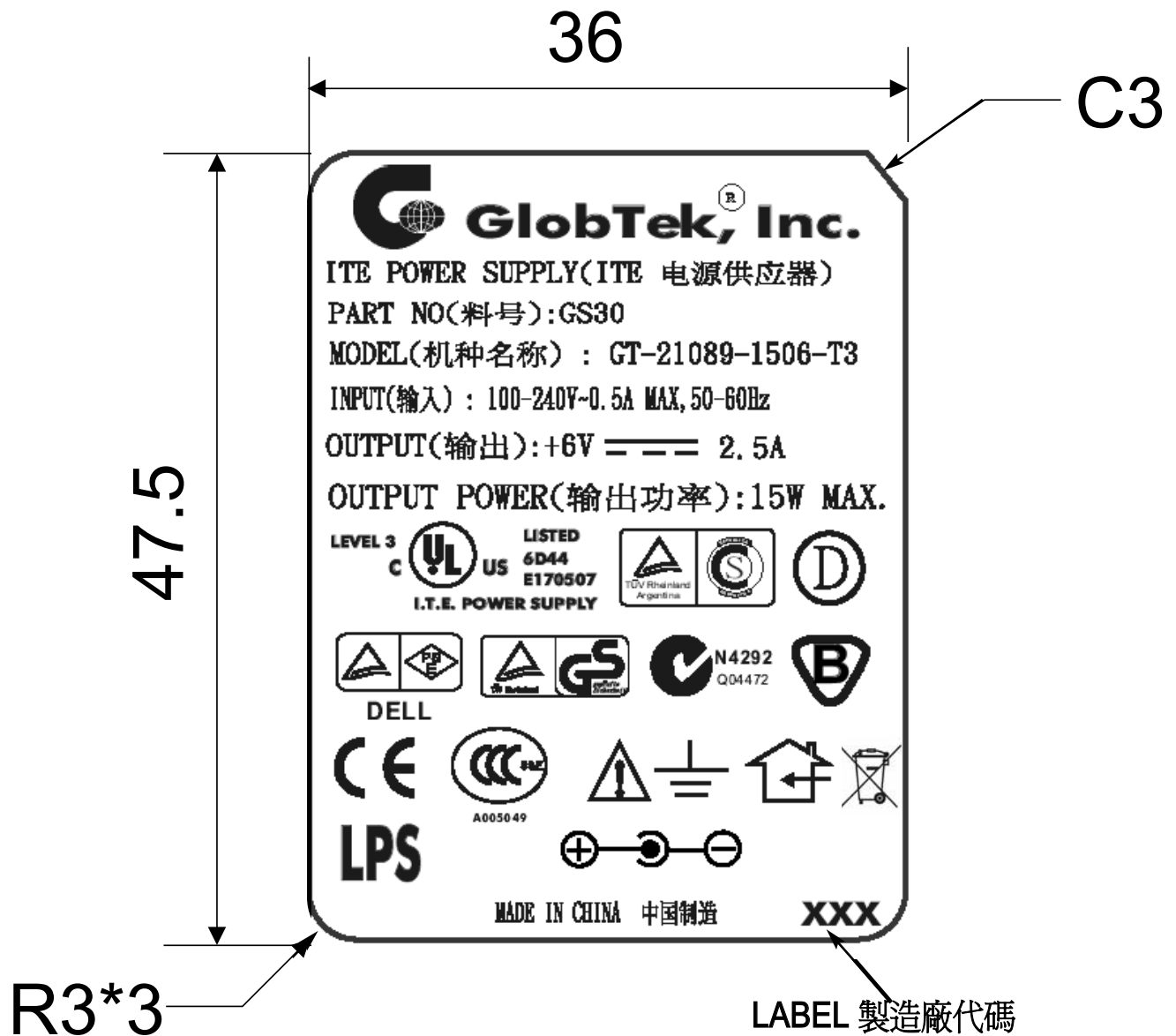
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7. LABEL:

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.



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8. PACKING :

UNITS BULK PACKED 100 PCS PER CARTON WITH CARTON LABEL GlobTek # 900-0193, POSITIONED ON THE TOP OF THE BOX.

CARTON PACKING LABEL FOR MODEL #GS-30

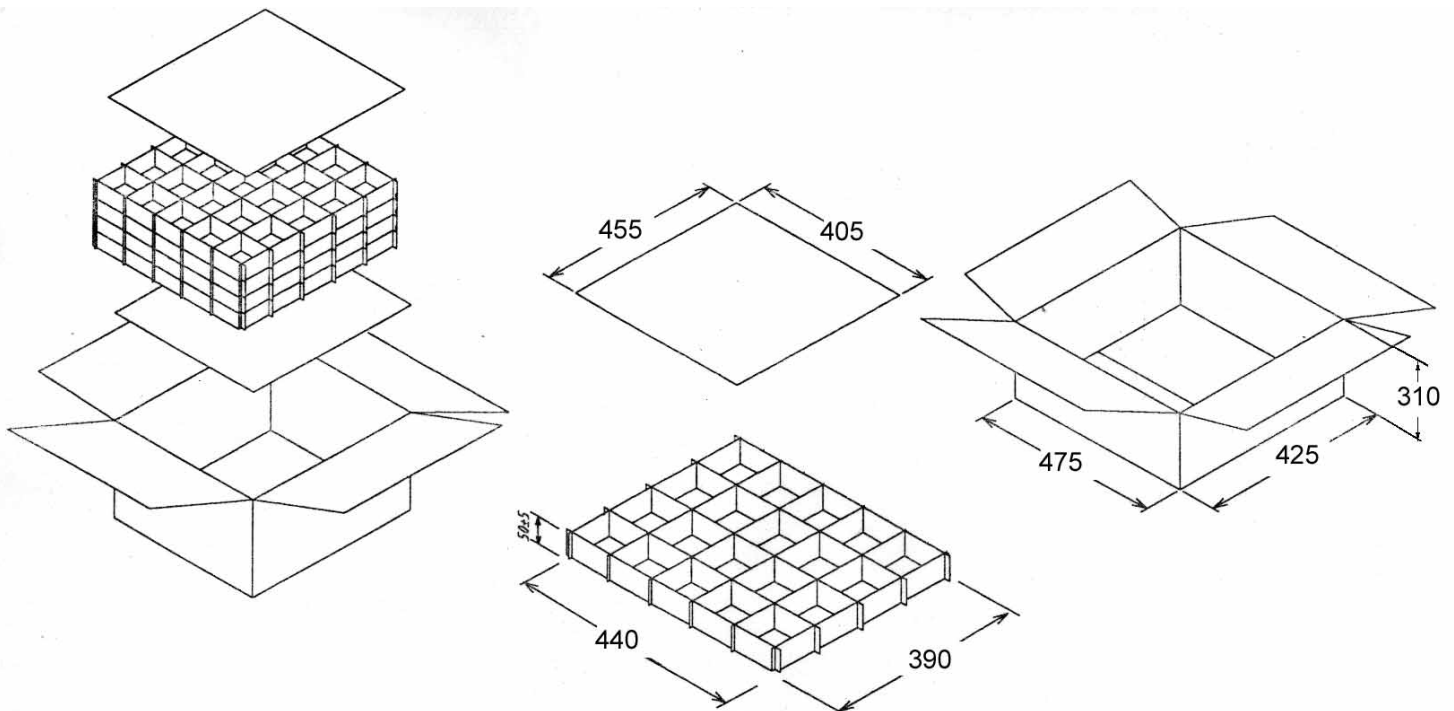
P/N: 900-0193

	
GlobTek, Inc.	
Globtek L/R #	YYYY
Globtek P/N #	GS-30 DELL # 04574E
Qty / Carton #	XX
Carton #	XX OF XX
Made In China	

Notes:

1. Correct information should be used in place of XXX.
2. Globtek PO number should be used for YYYY (L/R #).

OUTER CARTON:



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This manual is Provided to customer within the product specification - it is the responsibility of the OEM/customer to provide the end system user instructions + warnings for the use of this product in the end system. By accepting this specification the customer/OEM Agrees to these terms.

USER MANUAL FOR GT-21089 SERIES SWITCHING POWER SUPPLIES

Manual del Usuario. Fuentes de Alimentación Series GT-21089

WARNING! RISK OF FIRE! SHOCK HAZARD!

Advertencia! Riesgo de Fuego! Peligro de Choque eléctrico!

No user serviceable components inside. Disconnect power cord before removing cover.

No contiene dentro componentes servibles para el usuario. Desconecte el cable de alimentación antes de quitar la cubierta.

INDOOR USE ONLY!

Únicamente para uso en el interior.

GROUNDING: *If Ground is provided, "-W3", "-T3" models, An approved power supply cord for use in the country of destination must be provided. Ground is Functional only and not used for prevention of Electrical Shock. The Power Supply is double insulated.*

TIERRA: *Si se proporciona conexión a tierra, "- modelos W3", "- T3", un cable de alimentación certificado debe ser usado en el país de destino. El conector a tierra es funcional solamente y no se utiliza para la prevención de choque eléctrico. La fuente de alimentación debe tener doble aislación.*

POWER SUPPLY CORD: *AC Mains voltage should be provided to the power supply by a power supply cords approved to the national standards in which it will be used. Please use the below table as a guideline for Suitable Power cords.*

CABLE DE ALIMENTACIÓN: *El voltaje de la CA debe proporcionarse a la fuente de alimentación mediante los cables de alimentación aprobados conforme a las normas nacionales según las cuales será utilizada. Utilice por favor la tabla mencionada aquí abajo como guía para los cables eléctricos adecuados.*

COUNTRY/ PAIS	RATING / RANGOS	AGENCY / AGENCIA	P/N FOR CLASS I / P/N PARA TIPO CLASE I	P/N FOR CLASS II / P/N PARA TIPO CLASE II
NORTH AMERICA/ NORTE AMERICA	120V	UL/cUL/CSA	3021457F701	4511116F703A
EUROPE/ EUROPA	230V	VDE, MIN.	23144272M5701	2074112M703A
UNITED KINGDOM/ RAINO UNIDO	230~240V	BSI, N, OR EQUIV	PZ0800100/2M5BK13	6104112M703
CHINA	230V	CCC	6023602M5701	4533501M8703
JAPAN / JAPON	100V	PSE	3003068F2701	451J3401M8701
ARGENTINA	230V	IRAM	219272M0701	5034112M0703

FUSING: *Internal fuse for Line is provided in the power supply. A blown internal fuse is an indication of catastrophic failure of circuit component(s). Repair must be performed by GlobTek, Inc. authorized personnel. Fuses must be replaced with same type and ratings per GlobTek internal documentation.*

FUSIBLES: *La fuente de alimentación provee un fusible interno para la línea. Un fusible interno quemado es un indicador de una falla catastrófica de los componentes del circuito. La reparación debe ser hecha por personal autorizado de GlobTek, Inc. Los fusibles se deben reemplazar por los mismos tipos y rangos que la documentación interna de GlobTek mencione.*



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