

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 22.50W, 5.0V@4.5A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257, Blades/Input Cord: R-Series 1-15P North America, Approvals: Model No. GTM96300-2307.5-2.5-R2 Part No./Ordering No. RR9KA4500T00NAIMR6B
	Rev B1

In Addition to GlobTek Inc.'s renewed ISO9001:2015 - Quality Management System Certification, GlobTek Inc. is now certified to:

ISO13485:2016 - Medical Devices Quality Management System Certification

ISO14001:2015 - Environmental Management System Certification

ISO Certificates are available online at <https://www.globtek.com/iso-certificates/>

The acceptance of this specification and use of the product described in this document indicates the acceptance and binding of the customer to Globtek TERMS AND CONDITIONS (attached to the end of this document), which supersede all other agreements, terms, and conditions (<https://www.globtek.com/terms-and-conditions/>).

The purchaser of this product (Customer) agrees that it is their sole responsibility to determine suitability/fitness of the product described in this specification for their application and to take precautions for protection against any hazards attendant to the handling and use of the product.

Footnote:

GlobTek Inc. will not be liable for the safety and performance of these power supplies/battery packs if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instruction.

Limitation of Use:

GlobTek products are intended for use with commercial, medical, and/or industrial equipment only. 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.

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:

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REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
B1	Update gift box dimensions to 162*67*90 mm, Update label specs to ISO 15223 medical device compliant labe	QA	06/30/2020	QA
B	Update Polarity configuration on Manual instruction and O/P cord	QA	10/28/2016	QA
A	Initial release.	rchiu	10/06/2016	QA

POWER SUPPLY INFORMATION

TYPE	Wall Plug-in+Desktop Combination
TECHNOLOGY	Regulated Switchmode AC-DC Power Supply AC Adaptor
CASE COLOR	GlobTek Black
NAMEPLATE RATED INPUT	100-240V~, 50-60 Hz, 1A
INPUT CONFIG	IEC 60320/C8 w/ Wall Blades Option
WATTS	22.50
VOLTS OUT	5.0
CURRENT OUT (Amps)	4.5
BLADE/CORD INCLUDED	R-NA-2(R) R-Series 1-15P North America
BLADE/CORD INSTALLED	R-NA-2(R) R-Series 1-15P North America
INGRESS PROTECTION	IP40 (cord), IP52(R-blades)
GROUNDING CONFIGURATION	(F1) Floating output, Class II / double insulated
EFFICIENCY LEVEL	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782 - Europe Code of Conduct on Energy Efficiency of External Power Supplies - Version 5
OUTPUT CONFIGURATION	1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257
OVERMOLDED	Yes
OUTPUT CONNECTOR GENDER	not applicable
CONNECTOR PIN OUT	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE
LABEL SPECS	ISO 15223 medical device compliant label,L-1470
SPECIAL BARCODE LABEL MATERIAL	No
PACK SPEC	Packing for DT plug model with T00 plug and manual
USER MANUAL	809-DESKTOPUSERMANUAL on A4 paper

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Notes/Modifications/Customizations (notes in this section supersede the values shown in the standard spec)
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE

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ELECTRICAL SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
 - 90-264 Vac range @ 100% of rated load current
 - 85-264 Vac range @ 85% of rated load current
 - 110-370 VDC range @ 100% of rated load current
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Output Regulation: +/- 5% measured at the output connector
04. Line Voltage Regulation: +/- 0.5% typical measured at full load
05. Output Ripple (Vp-p): 1% or 100 mV whichever is greater, measured at 20 MHz bandwidth with 0.1uF ceramic capacitor in parallel with a low impedance 47uF electrolytic capacitor connected at the end of the output connector
06. Turn-On Overshoot + Transient Response: 5% maximum, 1 ms typical recovery time for 40% to 70% step load
07. Turn-On Delay: 1 second maximum @ full load, nominal line
08. Hold-Up Time: 8 ms typical @ nominal input voltage and full load
09. Inrush Current: 30A/60A maximum cold start @ 115/230Vac input
10. Efficiency: Compliant with Efficiency Level VI and CoC Tier 2 standards
11. No Load Standby Power: <0.075 W @ 230Vac
12. Green LED power indicator

B) PROTECTION

01. Input Protection: Input line fusing and 300Vac MOV
02. Short Circuit/ Overload: Electronically protected; output will auto recover upon removal of fault
 - Output Current Limit: 110% to 160% of rated output current
 - (upper end of current limit range is determined by normal output power rating, not derated output power level)
03. Output Over-Voltage: 110% to 130% of nominal output voltage

C) SAFETY

01. Dielectric Withstand Voltage:
 - 4000VAC or 5656VDC, primary-to-secondary
 - 1768VAC or 2500VDC, primary-to-earth (3-conductor input models only)
 - 1500VAC or 2121VDC, secondary-to-earth (F2 configuration only)
02. Earth Leakage Current:
 - 300uA max. NC & SFC (N/A for 2-conductor input models), tested per IEC60601-1
03. Touch Current: Class I models < 20uA, Class II models < 75uA, tested per IEC60601-1
04. Earth Continuity Test: < 0.1 Ohm between earth pin at AC input and PCB termination point (Class I models only)
05. Means of Protection:
 - 2 x MOPP primary-to-secondary
 - 1 x MOPP primary-to-earth (3-conductor input models only)
 - 1 x MOPP secondary-to-earth (F2 configuration only)
06. Compliant Standards: See listing at end of this specification for specifics
07. Output Isolation Options:
 - a) C8 or C18 Inlet, Class II
 - b) C6 or C14 Inlet, Class II FE, output isolated from earth contact

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c) C6 or C14 Inlet, Class I, Output negative directly attached to earth contact

D) EMC

EN 60601-1-2, 4th edition

Emissions, per EN 55032, EN 61000-6-3, EN 61000-6-4, CISPR11 and CISPR22

Conducted Emissions: Class B, FCC Part 15, Class B

Radiated Emissions: Class B, FCC Part 15, Class B

Line Frequency Harmonics EN61000-3-2, Class A

Voltage Fluctuations/Flicker EN61000-3-3

Immunity, per EN 55035, EN 61000-6-1, EN 61000-6-2

Static Discharge Immunity EN61000-4-2, 10KV Contact Discharge, 20KV air discharge

Radiated RF Immunity EN61000-4-3, 10V/m 80-1000MHz, 3V/m 1-2.7GHz, 80% 1KHz AM.

EFT/Burst Immunity EN61000-4-4, 4KV/100KHz.

Line Surge Immunity EN61000-4-5, 2KV differential, 4KV common-mode

Conducted RF Immunity EN61000-4-6, 3Vrms, 80% 1KHz AM

Power Frequency Magnetic Field Immunity EN61000-4-8, 3A/m

Voltage Dip Immunity EN61000-4-11, Performance Criteria B/C

E) OTHER:

01. MTBF: 1,000,000 Hours @ 40°C ambient temperature, full load

02. GTM96300 Family: -10°C to 40°C ambient temperature with full load

Regarding Operating Temperature,

a- See below derating table for output power capability at alternate temperature

b- Extended low end temperature range available as custom option

03. Operating Humidity: 0% to 95% relative humidity, non-condensing

04. Storage Temperature: -30°C to 80°C

05. Operating Altitude: 5000 meters

06. ROHS: Compliant with latest regulations, see approvals section below

F) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented

02. Markings: Label or Laser Printed

03. AC Input mechanical options: Desktop C6, C8, C14 or C18 IEC Inlet.

Hybrid option (Desktop or Changeable Blade Wall Plug-in) Class I or Class II input

G) SPECIAL OPTIONS

01. Cost reduction, removal of LED

02. Custom cordsets, various cordage types, and connector types

03. Custom markings

04. Short term output surge capability

05. Reduced leakage current versions

06. Tightened output voltage tolerance

07. Reduced output ripple level

08. Reduced output power rating marking

09. High reliability PCB laminate with plated through holes for IPC610 Class 2 compliance

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10. Special housing colors and cordset colors
11. Quasi constant current output, for battery charger applications
12. Back EMF applications, custom solutions. For unusual motor load aps and other high inductance reverse energy flow requirements
13. Improved ingress protection rating

TO ADDRESS SYSTEM-LEVEL EMI CONCERNS, FERRITE CHOKES/BEADS MAY BE ADDED/REVISED UPON REQUEST. A SAMPLE KIT OF GLOBTEK’S STANDARD FERRITES IS AVAILABLE UNDER GLOBTEK P/N: EMI-MITIGATION-KIT1

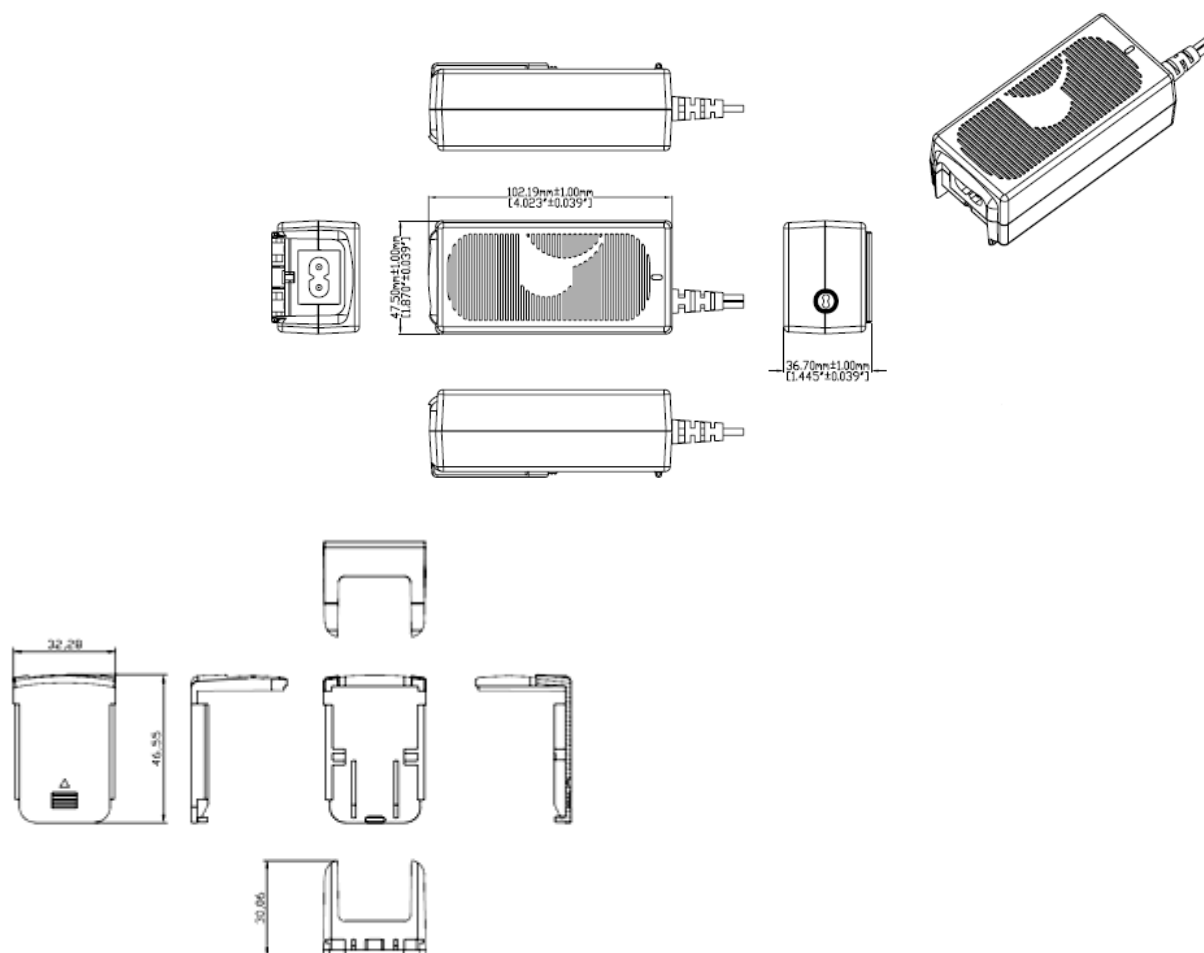
FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT: <https://r.globtek.info/3QeaqtD>

INGRESS PROTECTION: IP40 (cord), IP52(R-blades)

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3D File Download <https://www.globtek.com/dl/The%20outline%20drawing%20for%20GTM96300-R2%20with%20a%20led%20lens.igs>

Mechanical drawing



Units shipped without an installed input plug have a "desktop insert" installed.

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Product Image

Web Overview

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DERATING CURVE



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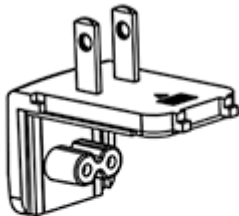
INPUT CONFIGURATION

(F1) Floating output, Class II / double insulated



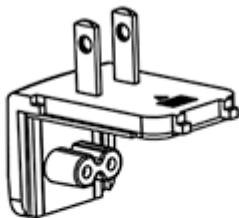
[Alternate grounding configurations](#) available upon request.

Blades/Cord Included:R-NA-2(R)R-Series 1-15P North America



P/N: R-NA-2(R)
NORTH AMERICA
JAPAN

Blades/Cord Installed:R-NA-2(R)R-Series 1-15P North America

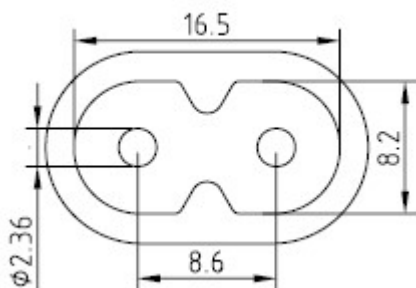


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	Part No./Ordering No. RR9KA4500T00NAIMR6B
	Rev B1

T2/R2 Inlet R Series (IEC 60320/C8 or Interchangeable)
IEC 60320/C8 AC Inlet connector

[Blade Insertion Instructions](#)
[R-Blade Style Instruction Video](#)



Mates with IEC 60320/C8 Plug

This series of Interchangeable Blade products may be used with Proprietary Interchangeable Blades as described below or with standard international power cords.

Optional INPUT BLADES: R-Socket: below are available blades configurations which are "not included" (unless stated above); may be purchased separately, packaged with power supply, or as a separate "R-KIT" if specified

#	Part Number	Main Country/Region	Plug	IECEE Type
1	R-NA-2(R)	North America, Japan	Nema 1-15P	Type A
2	R-SAA-2(R)	Australia/New Zealand	AS/NZ 3112	Type I
3	R-UK-2(R)	United Kingdom/Ireland	UK, Hong Kong, Singapore, Gulf States	Type G
4	R-EU-2(R)	Europe	CEE 7/16	Type C
5	R-CN-2(R)	China	GB 2099	Type A
6	461-03030003(R)	N/A	R-DI(R) Desktop Insert for use with a cord	N/A
7	R-KIT-2(R)	prepackaged kit	1,2,3,4 above	N/A
8	R-KIT-2-INTL(R)	prepackaged kit	2,3,4 above	N/A

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	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1



UL 2P

P/N: R-NA-2(R)
NORTH AMERICA
JAPAN



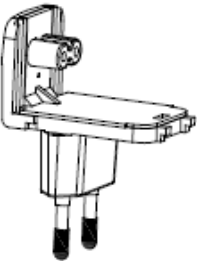
AUS 2P

P/N: R-SAA-2(R)
AUSTRALIA



UK 2P

P/N: R-UK-2(R)
UNITED KINGDOM
HONG KONG
SINGAPORE



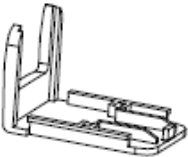
EU 2P

P/N: R-EU-2(R)
EUROPE
SOUTH AMERICA



CN 2P

P/N: R-CN-2(R)
CHINA



R-DI

P/N: R-DI
DESKTOP INSERT

Standard Cordsets
Below are standard cordsets which are "not included" (unless stated above); these may be purchased separately or packaged with the power supply. Contact your Sales Engineer if the style required is not shown below. Many more available in different lengths, colors or cable material.

[Standard International IEC 320/C7 Cordsets](#)

Part Number	Country	Plug	Connector	Length (mm)	Length (feet)
2094112M703(R)	Argentina (Type I)	IRAM 2063	IEC 320/C7	2000	7

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 22.50W, 5.0V@4.5A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257, Blades/Input Cord: R-Series 1-15P North America, Approvals:	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1

5014112M703A(R)	Australian (Type I)	AS 3112	IEC 320/C7	2000	7
207B4111M8703(R)	Brazil (Type N)	NBR14136	IEC 320/C7	1800	6
4533501M8703(R)	China (Type A)	GB 2099.1	IEC 320/C7	1830	6
2074112M703A(R)	European (Type C)	CEE 7/16	IEC 320/C7	2000	7
2084111M8703(R)	South Africa (Type M)	BS 546	IEC 320/C7	1800	6
2084111M8703B(R)	India (Type D)	ISI:1293	IEC 320/C7	1800	6
2714111M8703A(R)	India (Type C)	ISI:1293	IEC 320/C7	1800	6
451J3401M8703(R)	Japan (Type A)	JIS 8303	IEC 320/C7	1830	6
2044112M703A(R)	Korea (Type C)	KS C8305	IEC 320/C7	2000	7
4511116F703A(R)	N. American (Type A)	NEMA 1-15P	IEC 320/C7	1830	6
4033401M8703A(R)	Taiwan (Type A)	CNS690	IEC 320/C7	1830	6
6104112M703A(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7	2000	7

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 22.50W, 5.0V@4.5A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257, Blades/Input Cord: R-Series 1-15P North America, Approvals:	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1

OUTPUT CORD AND CONNECTOR: T00/C4257

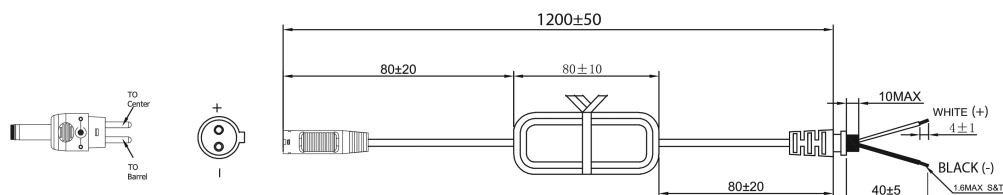
ACTUAL CONNECTORS, OVERMOLDS, FERRITES MAY VARY SLIGHTLY FROM THE PICTURE BELOW

CABLE TYPE	Round Black
CABLE LENGTH (mm)	1200
CABLE TOLERANCE (mm)	± 50
WIRE GAUGE (AWG)	16
CONDUCTORS	2
HANK DIMENSION (mm)	80 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE AND DIMENSION	None
FERRITE NUMBER OF TURNS(Definition)	N/A
FERRITE DIMENSION FROM STRAIN RELIEF	N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit)
OUTPUT CONNECTOR GENDER	not applicable
OVERMOLDED	Yes
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE

This novel system allows for rapid shipment of prototype samples or small quantities of common output voltage and current which can fulfill the needs of most common barrel plug specs. The table below explains the standard and non standard options available as part of this system. This system also allows for both Center Positive and Center Negative polarity.

The T00 plug and adapters are Medical Grade, single use only, Polarized after installation, and not removable without use of special tool.

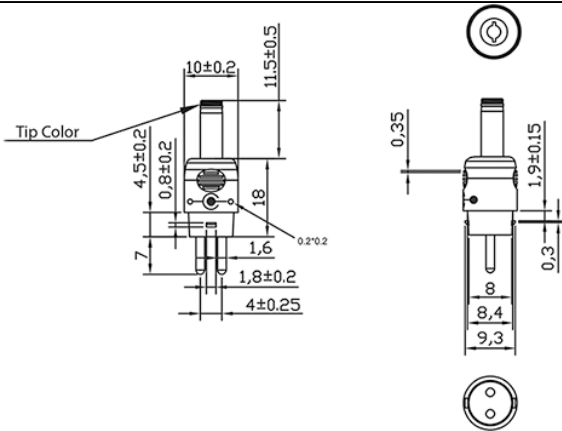
Any of the below options, and more, are available as molded plugs from stock or special order. Please contact GlobTek for more information



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	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1



Option upon request: STRAIGHT Female Barrels are available for special order in any length between 9mm-14mm

This novel system allows for rapid shipment of prototype samples or small quantities of common output voltage and current which can fulfill the needs of most common barrel plug as well as male plug specs. The table explains the standard and non-standard options available as part of this system. This system also allows for both Center Positive and Center Negative polarity.

The T00 plug and adapters are Medical Grade, single use only, Polarized after installation, and not removable without use of special tool.

Any of the below options, and more, are available as molded plugs from stock or special order. Please contact GlobTek for more information

Part #	CROSS REFERENCE	OUTER DIAMETER	INNER DIAMETER	PIN	LENGTH	FORM FACTOR	MALE/FEMALE INCLUDED IN T00 KIT	TIP COLOR	BUY NOW
T-K-11-S(R)	Philmore® 204/2049	3.5	1.3	-	11	STRAIGHT	Female	x	Blue BUY NOW
T-EJ2-95-S(R)	Philmore® 240 plug	4	1.7	-	9.5	STRAIGHT	Female	Order Separately	Brown BUY NOW
T-EJ3-95-S(R)	Philmore® 275 plug	4.75	1.7	-	9.5	STRAIGHT	Female	Order Separately	Red BUY NOW
T-C-95-S(R)	Switchcraft® 722A	5.5	2.1	-	9.5	STRAIGHT	Female	Order Separately	Yellow BUY NOW
T-C-12-S(R)	Switchcraft® 722A	5.5	2.1	-	12	STRAIGHT	Female	x	Yellow BUY NOW
T-L-95-S(R)	Switchcraft® 712A	5.5	2.5	-	9.5	STRAIGHT	Female	Order Separately	Black BUY NOW

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 22.50W, 5.0V@4.5A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257, Blades/Input Cord: R-Series 1-15P North America, Approvals:						
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	Part No./Ordering No. RR9KA4500T00NAIMR6B						Rev B1

T-L-12-S(R)	Switchcraft® 712A	5.5	2.5 -	12 STRAIGHT	Female	x	Black	
T-EJ4-95-S(R)	Philmore® 255 plug	5.5	3.3 1	9.5 STRAIGHT	Female	Order Separately	Orange	BUY NOW
T-EJ1-95-S(R)	Philmore® 235 plug	2.35	0.7	9.5 STRAIGHT	Female	Order Separately	Yellow	BUY NOW
T-3.2-0.9-9.0-S(R)	CUI PP3-017/ PP-017	3.2	0.9	9 STRAIGHT	Female	Order Separately	Black	BUY NOW
T-P-S-STER-14(R)	CUI SP-3501	3.5 -	Stereo	14 STRAIGHT	Male	Order Separately	-	BUY NOW
T-P-S-MONO-14(R)	CUI MP3-3501	3.5 -	Mono	14 STRAIGHT	Male	Order Separately	-	BUY NOW
T-S-S-MONO-11(R)	CUI MP3-2501	2.5 -	Mono	11 STRAIGHT	Male	Order Separately	-	BUY NOW
T-S-S-STER-11(R)	CUI SP-25401	2.5 -	Stereo	11 STRAIGHT	Male	Order Separately	-	BUY NOW
T-EJ5-115-S(R)	SCHURTER 4840.1230	6.5	1 1	11.5 STRAIGHT	Male	Order Separately	Black	BUY NOW
T-USB-TYPE-C(R)	USBC --	--	--	6.65 STRAIGHT	Male	Order Separately		BUY NOW
T-L-LKWG-S(R)	KYCON KLDX-PA-0202-B-LT	5.5	2.5 --	9.5 STRAIGHT	Female	Order Separately	Black	BUY NOW
T-C-S-LKWG-S(R)	KYCON KLDX-PA-0202-A-LT	5.5	2.1 --	9.5 STRAIGHT	Female	Order Separately	Black	BUY NOW

ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE AT <https://www.globtek.com/en/connectors>
STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE AT <https://www.globtek.com/en/connectors>
CALCULATE VOLTAGE REGULATION/DROP WITH OUR ONLINE CALCULATOR: <https://www.globtek.com/r2/Ptgjil>

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	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1

OUTPUT CONNECTOR HOOK UP

TO ADDRESS SYSTEM-LEVEL EMI CONCERNS, FERRITE CHOKES/BEADS MAY BE ADDED/REVISED UPON REQUEST. A SAMPLE KIT OF GLOBTEK’S STANDARD FERRITES IS AVAILABLE UNDER GLOBTEK P/N: EMI-MITIGATION-KIT1

FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT:
<https://www.globtek.com/en/technical-articles/ferrite-kit-radiated-emi-suppression-kit-for-globtek-power-supplies-cable-assemblies>

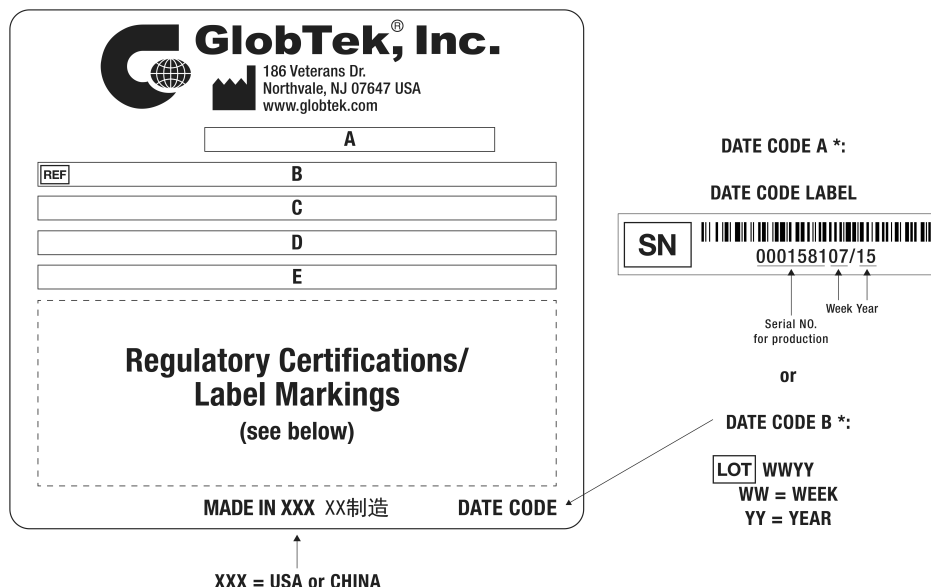
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	Rev B1

LABEL:L-1470

LABEL P/N	ISO 15223 medical device compliant label
MATERIAL	Flat Thermal Transfer, Imprintable, Polyester Label and/or Pad Printed and/or Molded, and/or Laser Engraved in the case
BACKGROUND COLOR	Black if housing is Black, White or Silver if housing is White or Gray.
TEXT COLOR	White or Silver if label is Black Background for Black housing. Black if label is White or Silver background and Housing is White or Gray.
LABEL WIDTH (mm)	37.5
LABEL HEIGHT (mm)	33.5
SPECIAL BARCODE LABEL MATERIAL	No

Below is the minimum information which will appear on the label. NOTE: in the logo area additional/actual positioning of symbols and text is subjected to change as per agency updates/requirements or additional model approvals become available.

Agency logos may be in Regulatory Certifications/Label Markings area on the label or molded into the case housing outside the label area. Information will be shown via Label and/or Pad Printed and/or Molded in the case.



A=ICT / ITE / Medical Power Supply/Class 2/Household Power Supply

B=P/N: (料号) RR9KA4500T00NAIMR6B

C=Model (型号) GTM96300-2307.5-2.5-R2

D=Input (输入) 100-240V~, 50-60 Hz, 1A

E=Output (输出) 5.0 V 4.5 A, 22.50W

PROPRIETARY INFORMATION

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	Rev B1

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GTM96300-TZ/
CE EC-Declaration for Medical	https://cs.globtek.info/ec_declaration_product?id=01ta0000007brxy&m=1
CE EC-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ec_declaration_product?id=01ta0000007brxy&i=2
CE EC-Declaration for Household	https://cs.globtek.info/ec_declaration_product?id=01ta0000007brxy&h=2
UKCA-Declaration for Medical	https://cs.globtek.info/ukca_declaration_product?id=01ta0000007brxy&m=1
UKCA-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ukca_declaration_product?id=01ta0000007brxy&i=2
UKCA-Declaration for Household	https://cs.globtek.info/ukca_declaration_product?id=01ta0000007brxy&h=2
Morocco SDoC Declaration	https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000MmVxmEAF
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01ta0000007brxyAAA
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://www.globtek.com/prop-65-statement.pdf

IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.

Regulatory Certifications/Label Markings

Below follows a link to the latest regulatory certifications and marks for this specific product. National standards as well as certification schemes are constantly changing and so is the set of certification marks and symbols applicable to this product. Various standards, marks and symbols, and certificates are subject to change at any time without notice.

Additional standards or unique country certifications are available upon request. Please contact Globtek to request a quotation.

LATEST PRODUCT/MODEL CERTIFICATIONS: <https://www.globtek.com/ds/4Gs2RdqaUWv/jKA8zxHR2sf.html#datasheet>

AGENCY ONLINE DOCUMENTS <http://www.globtek.info/certs/GTM96300-TZ/>



(F1) Floating output, Class II / double insulated



Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only.

Product demonstration link:

<https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-s>

MOLDED CONNECTORS AVAILABLE

PROPRIETARY INFORMATION

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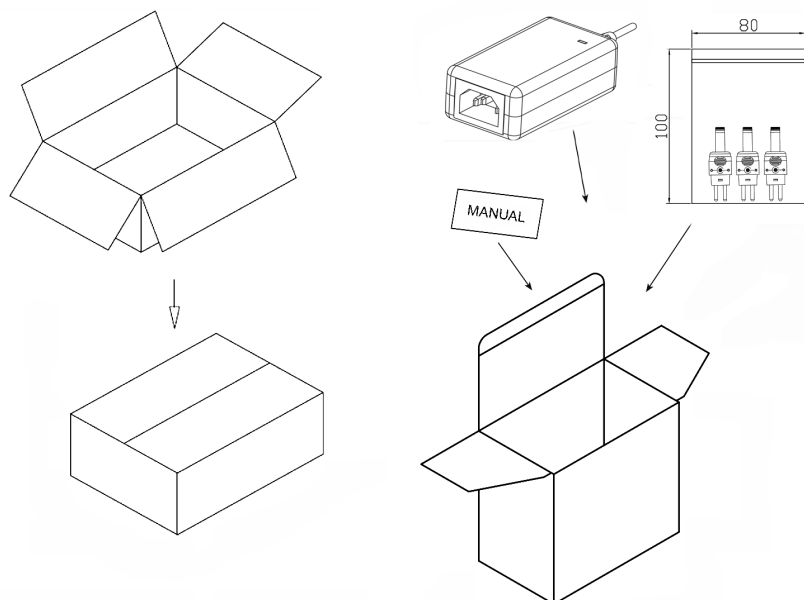
GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 22.50W, 5.0V@4.5A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257, Blades/Input Cord: R-Series 1-15P North America, Approvals:	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1

PACKAGING

Packing Spec P/N	Packing for DT plug model with T00 plug and manual
Packing Quantity/Multiple/MPQ	30
Gift Box Size (mm)	162*67*90
Gift Box Color	White
Master Carton Size (mm)	465 x 415 x 225
Master Carton Cubic Volume (m³)	0.04
Master GW (Kg)	9.5 kg
BLADES INCLUDED	R-NA-2(R): R-Series 1-15P North America
BLADE/CORD INSTALLED	R-NA-2(R): R-Series 1-15P North America
USER MANUAL*	809-DESKTOPUSERMANUAL on A4 paper
USER MANUAL WEB LINK	https://www.globtek.com/pdf/809-DESKTOPUSERMANUAL.jpg

* This specification sheet is considered the user manual for all applications. It is expected that the buyer of this product will use it to formulate their own user manual for their end product and a user manual specifically for the power adapter is not usually required. If a user manual is not specifically listed above then none will be provided with this unit.

If specific packaging is required, this section must specify all requirements and note "no exceptions". If this section does not specify packaging, it is subject to change without notice at GlobTek's discretion



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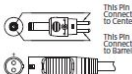
Model No. GTM96300-2307.5-2.5-R2

Part No./Ordering No. RR9KA4500T00NAIMR6B

Rev B1

Manual for T00-plug:

GlobTek, Inc.
T-Tip Instructions
• Color of tip indicates dimensions of barrel
• Polarity is dependent on how tip is inserted in to T-base



PART NO	DIAMETER		LENGTH	TIP COLOR
	OUTER	INNER		
T-C-12-S(R)	5.5	2.1	12	YELLOW
T-L-12-S(R)	5.5	2.5	12	BLACK
T-K-11-S(R)	3.5	1.3	11	BLUE
T-EJ2-9S-S(R)	4.0	1.7	9.5	BROWN
T-EJ3-9S-S(R)	4.75	1.7	9.5	RED
T-EJ4-9S-S(R)	5.5	3.3	9.5	ORANGE
T-EJ1-9S-S(R)	2.35	0.7	9.5	YELLOW
T-EJ5-11S-S(R)	6.5	6.0	11.5	BLACK
T-P-S-S10R-14(R)	3.5	-	14	-
T-P-S-MONO-14(R)	3.5	-	14	-
T-S-S-MONO-11(R)	2.5	-	11	-
T-S-S-S10R-11(R)	2.5	-	11	-

80mm+0/-0.2

90mm+0/-0.2

正面/SHEET A

Plugs can only be inserted one time

Molded options available upon request

80mm+0/-0.2

90mm+0/-0.2

反面/SHEET B

字体/字号
Arial Bold/18pt

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INSTRUCTIONS TO THE OEM SYSTEMS ENGINEER

It is the responsibility of the OEM systems engineer to provide the end system user instructions and warnings for the use of this product in the end system.

If an input cord is required for this product, AC Mains voltage should be provided to the power supply by a power supply cord approved to the national standards of the country in which it will be used.

This product is not designed to be repaired. No serviceable parts inside. A blown internal fuse is an indication of catastrophic failure of circuit component(s). If a Failure Analysis is required for a failed power supply/battery charger, please return the damaged unit to GlobTek for an accurate determination of the root cause of the failure.

EMC Compliance of the complete OEM product, including the GlobTek power supply/battery charger needs to be verified by the OEM systems engineer.

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INSTRUCTION SHEET

N/A

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	Rev B1

TERMS AND CONDITIONS

THESE TERMS AND CONDITIONS GOVERN THE SALE OF ALL PRODUCTS AND SERVICES ("PRODUCTS") BY GlobTek, Inc. ("GlobTek") AND APPLY NOTWITHSTANDING ANY CONFLICTING, CONTRARY OR ADDITIONAL TERMS AND CONDITIONS IN ANY PURCHASE ORDER OR OTHER DOCUMENT OR COMMUNICATION ("PURCHASE ORDER") FROM BUYER. THESE TERMS AND CONDITIONS MAY ONLY BE WAIVED OR MODIFIED IN A WRITTEN AGREEMENT SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE SELLER. NEITHER SELLER'S ACKNOWLEDGEMENT OF A PURCHASE ORDER NOR SELLER'S FAILURE TO OBJECT TO CONFLICTING, CONTRARY OR ADDITIONAL TERMS AND CONDITIONS IN A PURCHASE ORDER SHALL BE DEEMED AN ACCEPTANCE OF SUCH TERMS AND CONDITIONS OR A WAIVER OF THE PROVISIONS HEREOF.

ORDERS:

1. Buyer must issue a Purchase Order or otherwise place an order by means acceptable to GlobTek. Orders shall identify the Products, unit quantities, part numbers, descriptions, applicable prices, ship to address and requested delivery dates. All orders are subject to acceptance by GlobTek. No order may be cancelled or rescheduled without GlobTek's consent. Consent may be given by GlobTek in its sole discretion. GlobTek reserves the right to add a Rescheduling Fee should Seller deem applicable. Seller reserves the right to allocate sales of Products among its customers in its sole discretion.

RESTOCKING TERMS:

1. Returning of stock items only: All claims must be made within ten (10) days of receipt of goods. GlobTek must authorize all returns. No return of product will be accepted without GlobTek's Return Merchandise Authorization (RMA) number. All authorized returns will be subject to a minimum of 25% restocking charge* and buyer must pay return freight to GlobTek. Parts must be in original condition and packaging.
2. *Custom items and/or dedicated production lots are not returnable.

RETURNED MERCHANDISE:

1. Replacement or credit will not be allowed for products returned without prior consent. No return of product will be accepted without a GlobTek RMA number. RMA requests for all goods that are found to be not in compliance with Seller's specifications shall be made according to Seller's RMA procedure within thirty (30) days of invoice/shipment date and may be replaced, repaired, or credited at GlobTek's option. All RMA claims reported more than thirty (30) days after the invoice/shipment date are not eligible for return, replacement or credit at subject to GlobTek's Terms and Conditions. GlobTek will not issue credit if the Product has been altered, repaired, or opened by persons other than those authorized by GlobTek, become defective due to acts of God or negligence, become defective due to being subjected to abnormal conditions during installation, application or maintenance or if warranty has expired. Acceptance of Buyer's debit will not be made until material has been received and evaluated by the GlobTek. To determine the "Root Cause of Failure", the product may be destroyed during evaluation. If this occurs all of the above Terms and Conditions will remain in effect. All freight costs for returns, both from customer back to GlobTek and GlobTek back to customer will not be borne by GlobTek. GlobTek requires all goods to be returned freight, duty, and taxes prepaid to the location provided in the RMA authorization notification and repaired or replaced goods will be provided

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on an EX WORKS return location. GlobTek shall not be responsible, under any circumstances, for any rework or modification fee's or costs not previously authorized in writing by GlobTek. If returned goods do not match the quantity or descriptions provided in the RMA application, any non conforming goods will not be qualified for repair, return, or replacement. Goods with illegible date code/serial # information may not be eligible for repair, return, replacement

PRICES/TAXES/TARIFFS:

- Prices shall be as specified by Seller and shall be applicable for the period specified in GlobTek's quote. If no period is specified, prices shall be applicable for thirty (30) days. Notwithstanding the foregoing, prices shall be subject to increase in the event of an increase in GlobTek's costs or other circumstances beyond GlobTek's reasonable control. Prices are exclusive of taxes, impositions, tariffs, fees, and other charges, including, without limitation, sales, use, excise, value added, and ad valorem taxes, as well as tariffs of all types (including any tariffs imposed pursuant to any Section 301 Action by the United States Trade Representative) and similar taxes, fees, imposts, or charges of whatsoever kind, imposed now or in the future by any foreign or domestic governmental authority, international shipping charges, forwarding agent's and broker's fees, consular fees, document fees and import duties. If GlobTek shall be liable to collect and/or pay, or if the GlobTek shall pay, any of the foregoing, Buyer shall pay same to GlobTek in addition to the price of the Products.

TERMS OF PAYMENT:

- Payment shall be net thirty (30) days from date of invoice or as otherwise specified by GlobTek. Buyer agrees to pay the entire net amount of each invoice from Seller pursuant to the terms of each such invoice without offset or deduction. Orders are subject to credit approval by GlobTek, which may in its sole discretion at any time change the terms of Buyer's credit, require payment in cash, bank wire transfer, or by official bank check and/or require payment of any or all amounts due or to become due for Buyer's order before shipment of any or any of the Products. If GlobTek believes in good faith that Buyer's ability to make payments may be impaired or if Buyer shall fail to pay any invoice when due, GlobTek may suspend delivery of any order or any remaining balance thereof until such payment is made or cancel any order or any remaining balance thereof, and Buyer shall remain liable to pay for any Products already shipped and all Products ordered by Buyer. Buyer agrees to submit such financial information from time to time as may be reasonably requested by GlobTek for the establishment and/or continuation of credit terms. Checks are accepted subject to collection and the date of collection shall be deemed the date of payment. Any check received from Buyer may be applied by GlobTek against any obligation owing from Buyer to GlobTek, regardless of any statement appearing on or referring to such check, without discharging Buyer's liability for any additional amounts owing from Buyer to GlobTek, and the acceptance by GlobTek of such check shall not constitute a waiver of GlobTek's right to pursue the collection of any remaining balance. Buyer shall pay interest on any invoice not paid when due according to the due date at the rate of eighteen (18%) percent annually or the highest rate allowable by law. If Buyer fails to make payment when due, GlobTek may pursue any legal or equitable remedies, in which event GlobTek shall be entitled to reimbursement for costs of collection and reasonable attorneys fees.

REFUSED OR DAMAGED SHIPMENTS:

- All products returned to GlobTek due to refusal of acceptance by buyer, without GlobTek authorization, will be subject to minimum of 25% restocking charge* and buyer must pay return freight to GlobTek. Parts must be in original condition and packaging. Seller takes extra precautions to insure that shipments are made under the Highest Quality Standards. In the event a

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	Rev B1

shipment is received in damaged condition, Buyer shall contact the carrier to submit claim, keep Products in original boxes pending carrier's inspection and place a replacement order with the Seller.

2. *Custom items and/or dedicated production lots are not returnable.

TECHNICAL ADVICE AND DATA:

1. Any technical advice offered or given in connection with the use of any goods is an accommodation to Buyer without charge and GlobTek shall have no responsibility or liability whatsoever for the content or use of such advice. Without GlobTek's prior written consent, Buyer shall not use, duplicate or disclose any technical data delivered or disclosed by GlobTek to Buyer for any purposes other than for installation, operation or maintenance of goods purchased by Buyer. Any use made of GlobTek classifications, whether it be ECCNs or any variation of Harmonized Tariff codes, is without recourse to GlobTek and at the user's risk. Export classifications are subject to change. If you export or re-export, your company, as the exporter of record, is responsible for determining the correct classification of any item at the time of export. Any export classification by GlobTek is for GlobTek's internal use only and shall not be construed as a representation or warranty regarding the proper export classification nor relied upon to make licensing determinations.

Tariff Surcharge – Section 301 and Related Import Duties

GlobTek, Inc. hereby notifies all customers that a tariff surcharge fee is applied to cover import duties and tariffs, including but not limited to those imposed under Section 301 of the U.S. Trade Act of 1974, affecting Chinese-origin goods imported into the United States between 2018 and 2025.

Customers receiving delivery from U.S.-based shipping points were and are informed of the tariff surcharge:

- At the time of quotation;
- During order entry; and
- Through routine updates issued during the order process.

Due to the volatility of tariff rates and ongoing changes in U.S. trade policy, GlobTek reserves the right to adjust the tariff surcharge fee:

- To match the current applicable tariff rates, or
- To reflect the maximum applicable tariff rate assessed on the product(s) in question, depending on the date of importation into the U.S.

By placing an order with GlobTek for goods that are produced in china built to order and imported from China, the customer expressly acknowledges and agrees to pay the applicable tariff surcharge fee. This surcharge is non-negotiable and is considered a part of the total purchase price for applicable transactions.

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	Rev B1

FORCE MAJEURE:

1. GlobTek shall not be liable for failure to fulfill the obligations herein or for delays in delivery due to causes beyond its reasonable control, including, but not limited to, acts of God, natural disasters, acts or omissions of other parties acts or omissions of civil or military authority, Government priorities, changes in law, material shortages, fire, strikes, floods, epidemics, quarantine restrictions, riots, war, acts of terrorism, delays in transportation or inability to obtain labor or materials through its regular sources. GlobTek's time for performance of any such obligation shall be extended for the time period of such delay or GlobTek may, at its option cancel any order or remaining part thereof without liability, advising in writing notice of such cancellation to Buyer.

LIMITATION OF LIABILITIES:

1. BUYER SHALL NOT IN ANY EVENT BE ENTITLED TO, AND SELLER SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE INCLUDING, WITHOUT LIMITATION BUSINESS INTERRUPTION COSTS, REMOVAL AND/OR REINSTALLATION COSTS, REPROCUREMENT COSTS, LOSS OF PROFIT OR REVENUE, LOSS OF DATA, PROMOTIONAL OR MANUFACTURING EXPENSES, OVERHEAD, INJURY TO REPUTATION OR LOSS OF CUSTOMERS, EVEN IF GLOBTEK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BUYER'S RECOVERY FROM SELLER FOR ANY CLAIM SHALL NOT EXCEED BUYER'S PURCHASE PRICE FOR THE PRODUCT GIVING RISE SUCH CLAIM IRRESPECTIVE OF THE NATURE OF THE CLAIM, WHETHER IN CONTRACT, TORT, WARRANTY OR OTHERWISE. GLOBTEK SHALL NOT BE LIABLE FOR AND BUYER SHALL INDEMNIFY, DEFEND AND HOLD GLOBTEK HARMLESS FROM ANY CLAIMS BASED ON GLOBTEK'S COMPLIANCE WITH BUYER'S DESIGNS, SPECIFICATIONS OR INSTRUCTIONS, OR MODIFICATION OF ANY PRODUCTS BY PARTIES OTHER THAN SELLER, OR USE IN COMBINATION WITH OTHER PRODUCTS. GLOBTEK INC. WILL NOT BE LIABLE FOR THE SAFETY AND PERFORMANCE OF THESE PRODUCTS IF UNAUTHORIZED USE, ACCESS AND/OR REPAIR. END USER SHOULD CONSULT APPLICABLE UL, CSA OR EN STANDARDS FOR PROPER INSTALLATION INSTRUCTIONS. GLOBTEK PRODUCTS 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 GLOBTEK SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

GENERAL:

1. As used herein, terms appearing in the singular shall include the plural and terms appearing in the plural shall include singular. No rights, duties, agreements or obligations hereunder may be assigned or transferred by either party, by operation of law, merger or otherwise, without the prior written consent of the other. Any attempted or purported assignment shall be void. Notwithstanding the foregoing, GlobTek's obligations under these Terms and Conditions may be performed by divisions, subsidiaries or affiliates of GlobTek. The obligations, rights, terms and conditions hereof shall be binding on the parties hereto and their respective successors and assigns. The waiver of any provision hereof or of any breach or default hereunder shall not be deemed a waiver of any other provision hereof or breach or default hereunder. Any provision hereof which is prohibited or

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 22.50W, 5.0V@4.5A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1200 mm, 16/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C4257, Blades/Input Cord: R-Series 1-15P North America, Approvals:	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500T00NAIMR6B	Rev B1

unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof in that jurisdiction or affecting the validity or enforceability of such provision in any other jurisdiction. These Terms and Conditions shall be governed by and construed in accordance with the laws of the State of New Jersey, United States, excluding any law or principle, which would apply the law of any other jurisdiction. The United Nations Convention on contracts for the International Sale of Goods shall not apply to these Terms.

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