

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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7,5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

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://en.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
B	Update output power from 23.0W to 22.5W Update Connector Pinout: add 'A6,A7 : Data signals shorted'	QA	09/29/2020	QA
A	Initial release	DR	06/09/2020	DAVID

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-DI R-Series Desktop Insert
BLADE/CORD INSTALLED	R-DI :R-Series Desktop Insert
INGRESS PROTECTION	IP40 (cord), IP52(R-blades)
GROUNDING CONFIGURATION	(F1) 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 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086
OVERMOLDED	Yes
OUTPUT CONNECTOR GENDER	Male
CONNECTOR PIN OUT	+V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7
LABEL SPECS	ISO 15223 medical device compliant label,L-1470
SPECIAL BARCODE LABEL MATERIAL	No
PACK SPEC	Desktop/WPI with Desktop Insert T3, User manual
USER MANUAL	809-PSURKITUSERMANUAL on A4 paper

PROPRIETARY INFORMATION

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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 0.1 uf ceramic capacitor in parallel with a low impedance 47 uf electrolytic capacitor connected at the end of the output connector
06. Turn-ON/OFF Overshoot: 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

B) PROTECTION

01. Input Protection: Input line fusing and 300Vac MOV
02. Short Circuit/ Overload: Electronically Protected unit 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 from input to output, On Class I models, 3000Vac or 4242Vdc from input to earth
02. Earth Leakage Current: Class I models < 300uA, N/A for Class II models
03. Touch Current: Class I models < 20uA, Class II models < 75uA
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
06. Compliant Standards: See listings at end of this drawing 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
 - 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

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Voltage Fluctuations/Flicker EN61000-3-3

Immunity, per EN 55024, 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 Rel PCB laminate with Plated through Holes for IPC610 Class 2 Compliance

10. Special Housing Colors and Cordset Colors

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- 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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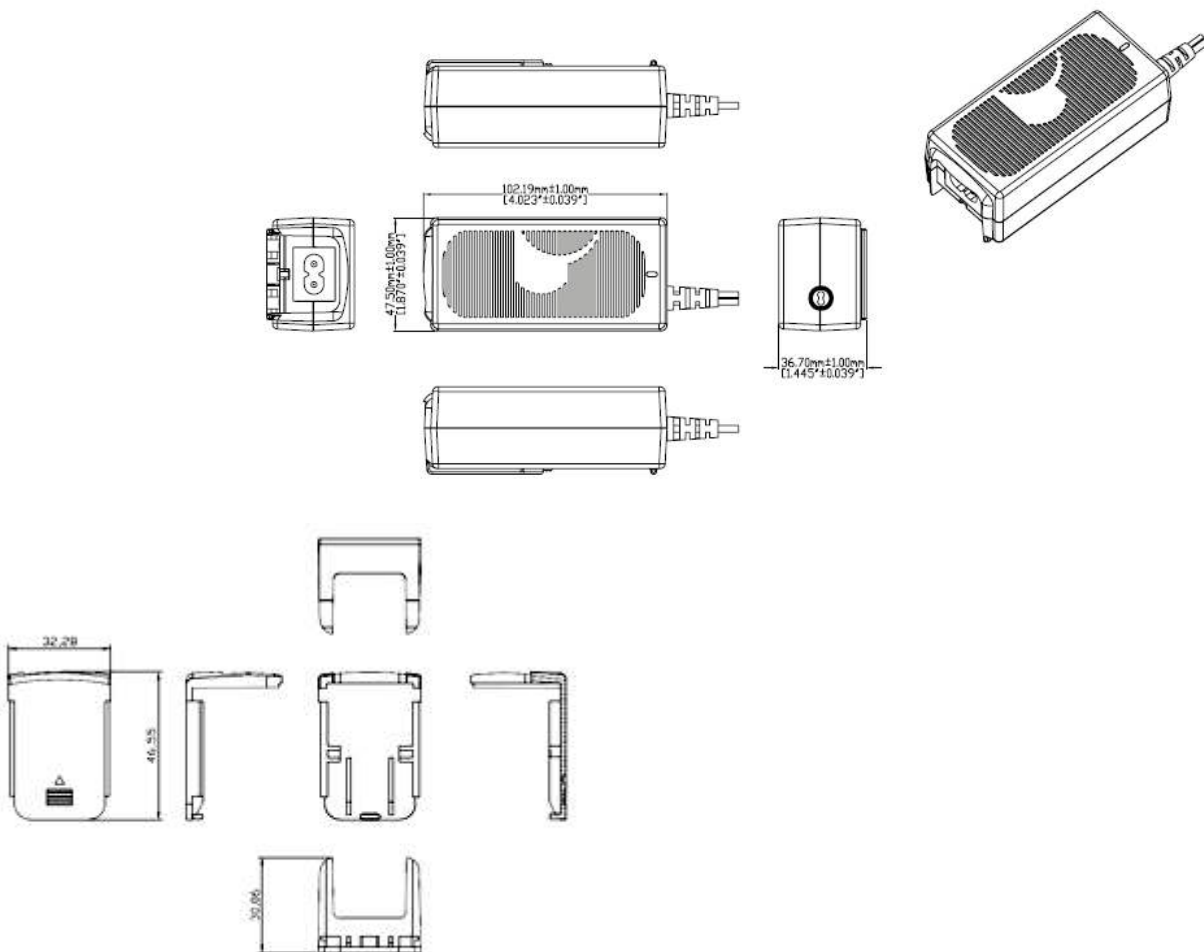
Model No. GTM96300-2307.5-2.5-R2

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Rev B

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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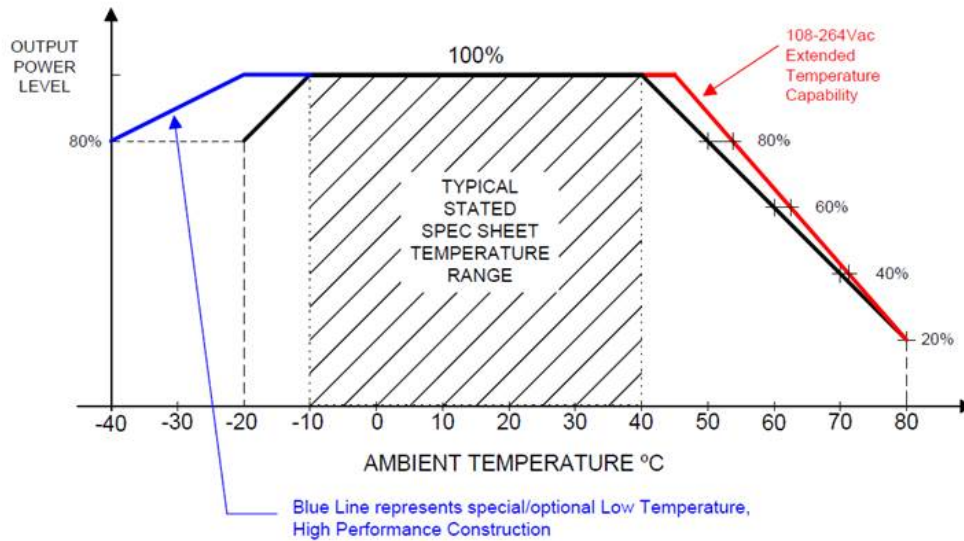
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Rev B

DERATING CURVE

**TYPICAL EXTERNAL POWER SUPPLY
 DERATING CURVE**
 (FOR EFFICIENCY LEVEL V AND EFFICIENCY LEVEL VI PRODUCTS)



<p>GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111</p>	<p>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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7,5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;</p>	
	<p>Model No. GTM96300-2307.5-2.5-R2</p>	
	<p>Part No./Ordering No. RR9KA4500USBC-IMR6B</p>	<p>Rev B</p>

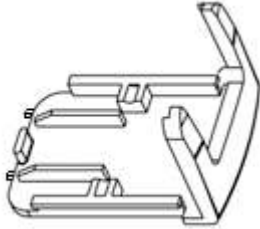
INPUT CONFIGURATION

(F1) Class II / Double Insulated



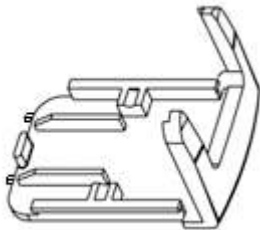
[Alternate grounding configurations](#) available upon request.

Blades/Cord Included:R-DI:R-Series Desktop Insert



Desktop Insert Installed

Blades/Cord Installed:R-DI:R-Series Desktop Insert

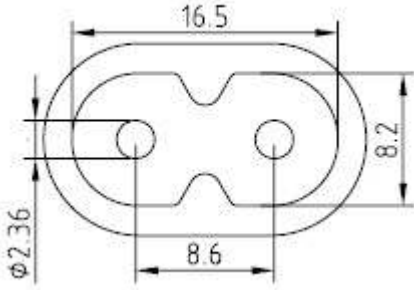


Desktop Insert Installed

IEC 60320/C8 AC Inlet connector

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

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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7.5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B



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/IrelandUK, 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

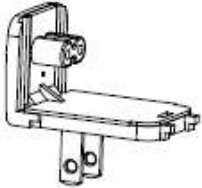
GlobTek, Inc.
 www.globtek.com
 186 Veterans Drive,
 Northvale, NJ 07647
 Tel. (201) 784-1000
 Fax (201) 784-0111

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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7,5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;

Model No. GTM96300-2307.5-2.5-R2

Part No./Ordering No. RR9KA4500USBC-IMR6B

Rev B



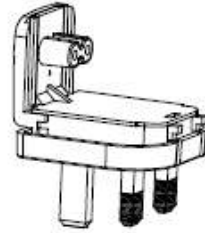
UL 2P

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



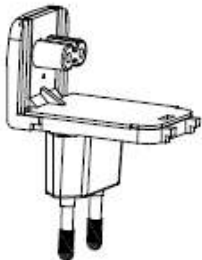
AUS 2P

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



UK 2P

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



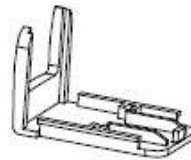
EU 2P

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

PROPRIETARY INFORMATION

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quest / 07/30/2023 8:42:18 PM GMT CLONED FROM RR9KA4500LCP-IMR6B

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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7,5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

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

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	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

OUTPUT CORD AND CONNECTOR: USBC31/C40086	
ACTUAL CONNECTORS, OVERMOLDS, FERRITES MAY VARY SLIGHTLY FROM THE PICTURE BELOW	
CABLE TYPE	UL 1185
CABLE LENGTH (mm)	1200
CABLE TOLERANCE (mm)	+150 -0
WIRE GAUGE (AWG)	16 (Large ground 40/0.20) OD:4.3mm
CONDUCTORS	1C + Shield
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	USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED)
OUTPUT CONNECTOR GENDER	Male
OVERMOLDED	Yes
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT	+V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7
 Link to Globtek USB-C Adaptive Power Delivery White Paper http://en.globtek.com/technical-articles/usb-type-c-connectors-and-adaptive-power-delivery-white-paper	
Overmold tooling may vary from picture below.	

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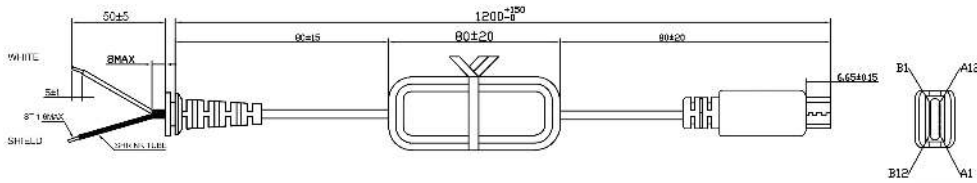
Model No. GTM96300-2307.5-2.5-R2

Part No./Ordering No. RR9KA4500USBC-IMR6B

Rev B



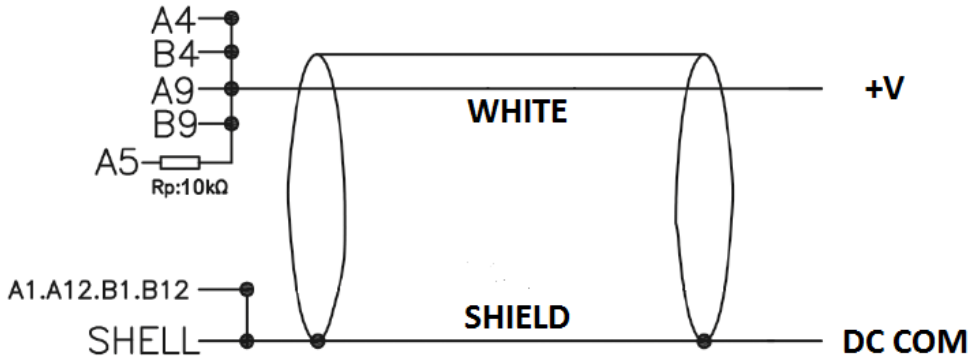
USB C connector includes 10K resistor between A5 and +V as shown below:



A1.A12.B1.B12+Shell: "*" Shield
 A4.A9.B4.B9: "+V" White 并联A5 1/8W 10kΩ 电阻
 A2.3.4.8.9.10.11:"NC"
 B2.3.5.6.7.8.10.11.12:"NC"
 A6, A7: Data signals shorted

USB C Connector

Power Supply



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

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	<p>Part No./Ordering No. RR9KA4500USBC-IMR6B</p>	<p>Rev B</p>

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://en.globtek.com/technical-articles/ferrite-kit-radiated-emi-suppression-kit-for-globtek-power-supplies-cable-assemblies>

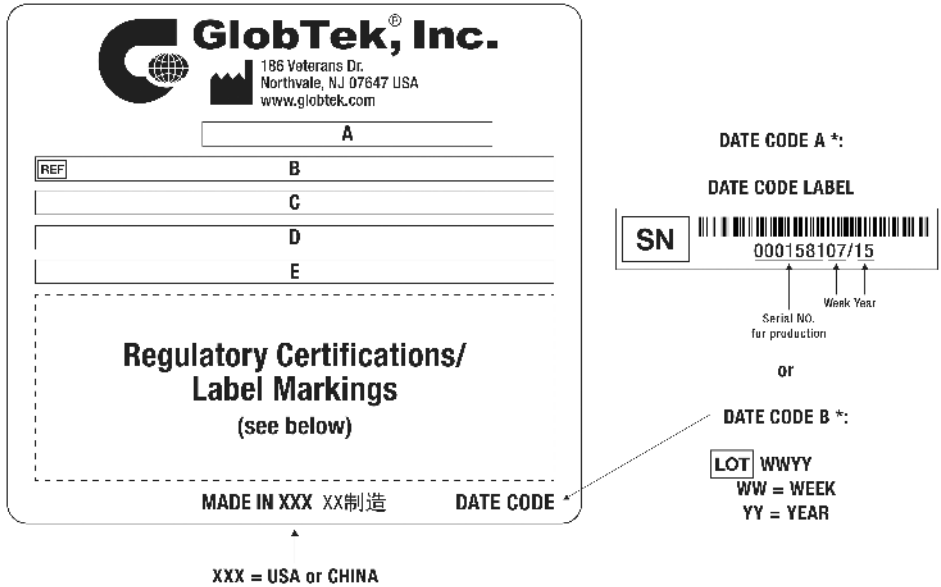
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	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

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) RR9KA4500USBC-IMR6B
 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

GloTek, 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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7.5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GTM96300-TZ/
CE EC-Declaration for Medical	http://globtek.force.com/models/ec_declaration_product?id=01t3a000004vDNg&m=1
CE EC-Declaration for Industrial/Commercial/ITE	http://globtek.force.com/models/ec_declaration_product?id=01t3a000004vDNg&i=2
CE EC-Declaration for Household	http://globtek.force.com/models/ec_declaration_product?id=01t3a000004vDNg&h=2
UKCA-Declaration for Medical	http://globtek.force.com/models/ukca_declaration_product?id=01t3a000004vDNg&m=1
UKCA-Declaration for Industrial/Commercial/ITE	http://globtek.force.com/models/ukca_declaration_product?id=01t3a000004vDNg&i=2
UKCA-Declaration for Household	http://globtek.force.com/models/ukca_declaration_product?id=01t3a000004vDNg&h=2
Morocco SDoC Declaration	https://globtek.secure.force.com/models/Morocco_SDoC_Declaration?id=a0Oa000000MmVxmEAF
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t3a000004vDNgAAM
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://en.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.

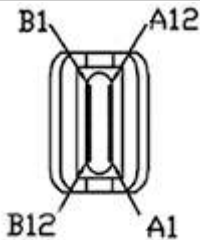
Additional standards or unique country certifications are available upon request. Please contact Globtek to request a quotation.

LATEST PRODUCT/MODEL CERTIFICATIONS: <https://www.globtek.com/datasheet/w71093>

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



(F1) Class II / Double Insulated



+V: A4, A9, B4, B9,
GND: A1, A12, B1, B12,
CC1: A5,
D+:A6,
D-:A7

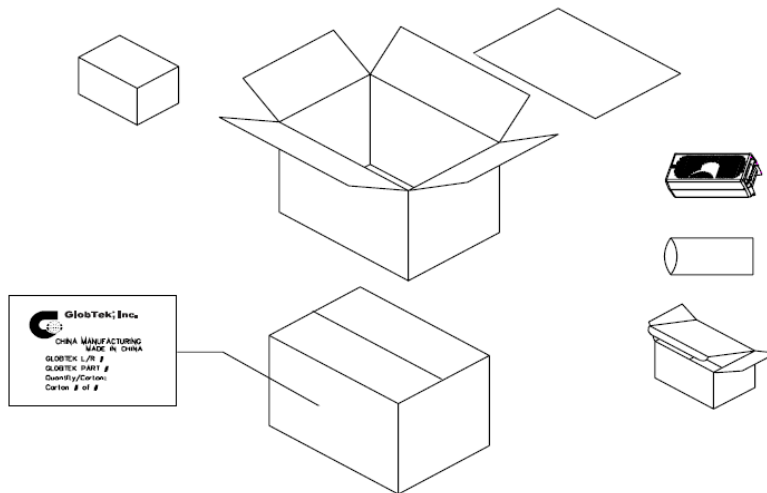
GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-2307.5-2.5-R2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case 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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7.5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

PACKAGING

Packing Spec P/N	Desktop/WPI with Desktop Insert T3, User manual
Box Qty	36
Gift Box Size (mm)	Egg Crate
Gift Box Color	White
Master Carton Size (mm)	465 x 415 x 225
Master Carton Cubic Volume (m³)	0.04
Master GW (Kg)	15.2 kg
BLADES INCLUDED	R-DI: R-Series Desktop Insert
BLADE/CORD INSTALLED	R-DI: R-Series Desktop Insert
USER MANUAL*	809-PSURKITUSERMANUAL on A4 paper
USER MANUAL WEB LINK	https://www.globtek.com/file/pdf/809-psurkitusermanual-rev-b8-pdf_2022-12-05_0655.zip

* 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.

PACKAGE CONTENTS	INCLUDED	INSTALLED
R-NA-3(R)	N	N
R-SAA-3(R)	N	N
R-UK-3(R)	N	N
R-EU-3(R)	N	N
DESKTOP INSERT	Y	Y



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 Page 18 of 20
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quest / 07/30/2023 8:42:18 PM GMT CLONED FROM RR9KA4500LCP-IMR6B

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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7,5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;	
	Model No. GTM96300-2307.5-2.5-R2	
	Part No./Ordering No. RR9KA4500USBC-IMR6B	Rev B

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.

INSTRUCTION SHEET

N/A

<p>GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111</p>	<p>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: 22.5W, 5.0V@4.5A, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/1C + Shield Cond, UL 1185, USB Type-C Connector compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), Ferrite: None, GlobTek Black, GT Cord # C40086, Pin Out: +V: A4, A9, B4, B9, GND: A1, A12, B1, B12, CC1: A5, D+:A6, D-:A7, Blades/Input Cord: R-Series Desktop Insert, Approvals: CCC (up to 48V only); Korea (12-14.9V Only); ETL; LPS 60950; CAN ICES-3; CB 62368; CB 60950; ETL 1310; ETL; 230V CoC Tier 2; EAC; cETLus 60950-1; UL 1310; cETLus 60601-1-11; NOM (5,7.5,12,15,19,24,48V only); IP40; ETL 62368; UKCA; UL 1310; Conforms to 62368-1; Morocco; RCM; S-Mark 62368; IRAM; FCC; S-Mark 60950; Double Insulation; LPS 62368; CE; CE; CB 60335; S-Mark IEC/EN 60601-1; CE; China RoHS; Level VI; RoHS; Ukraine; VCCI; WEEE; PSE; PSE; PSE; CB 60601-1;</p>	
	<p>Model No. GTM96300-2307.5-2.5-R2</p>	
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