

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GlobTek, Inc.<br>www.globtek.com<br>186 Veterans Drive,<br>Northvale, NJ 07647<br>Tel. (201) 784-1000<br>Fax (201) 784-0111 | Drawing Title: GTM96300-2307.5-2.5-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14, , Output Rating: 23.00W, 5.0V@4.5A, Pin Out: Center Positive (+V), symbol compliant with IEC 60417 symbol no. 5926, Output Configuration: 1200 mm, 16/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm with internal Spring Clip and Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C2384, Blades/Input Cord: Not Applicable, Approvals: |
|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-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://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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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Rev B |

REVISION HISTORY

| REV | DESCRIPTION                                                  | SUB | DATE       | APPROVED |
|-----|--------------------------------------------------------------|-----|------------|----------|
| B   | Update Grounding configuration to F2, update to cell packing | QA  | 11/28/2018 | QA       |
| A   | Initial release                                              | QA  | 03/15/2018 | QA       |

POWER SUPPLY INFORMATION

|                                |                                                                                                                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE                           | Desktop/External                                                                                                                                                                                         |
| TECHNOLOGY                     | Regulated Switchmode AC-DC Power Supply AC Adaptor                                                                                                                                                       |
| CASE COLOR                     | GlobTek Black                                                                                                                                                                                            |
| NAMEPLATE RATED INPUT          | 100-240V~, 50-60 Hz, 1.0A                                                                                                                                                                                |
| INPUT CONFIG                   | IEC 60320/C14                                                                                                                                                                                            |
| WATTS                          | 23.00                                                                                                                                                                                                    |
| VOLTS OUT                      | 5.0                                                                                                                                                                                                      |
| CURRENT OUT (Amps)             | 4.5                                                                                                                                                                                                      |
| BLADE/CORD INCLUDED            | N/A Not Applicable                                                                                                                                                                                       |
| BLADE/CORD INSTALLED           | N/A :Not Applicable                                                                                                                                                                                      |
| INGRESS PROTECTION             | IP42, IP54 Option available                                                                                                                                                                              |
| GROUNDING CONFIGURATION        | (F2) Floating output, functional earth to center of pri-sec bridging capacitors                                                                                                                          |
| EFFICIENCY LEVEL               | <a href="#">USA DOE Level VI</a> / <a href="#">Eco-design Directive 2009/125/EC, (EU) 2019/1782</a> - <a href="#">Europe Code of Conduct on Energy Efficiency of External Power Supplies - Version 5</a> |
| OUTPUT CONFIGURATION           | 1200 mm, 16/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm with internal Spring Clip and Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C2384                                |
| OVERMOLDED                     | Yes                                                                                                                                                                                                      |
| CONNECTOR PIN OUT              | Center Positive (+V), symbol compliant with IEC 60417 symbol no. 5926                                                                                                                                    |
| LABEL SPECS                    | Standard GT,L-1186                                                                                                                                                                                       |
| SPECIAL BARCODE LABEL MATERIAL | No                                                                                                                                                                                                       |
| PACK SPEC                      | Standard DT, Cellular packaging, User manual                                                                                                                                                             |
| USER MANUAL                    | 809-DESKTOPUSERMANUAL on A4 paper                                                                                                                                                                        |

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

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/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; 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 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 primary-to-secondary
  - 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 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
  - 10. Special housing colors and cordset colors

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
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|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

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

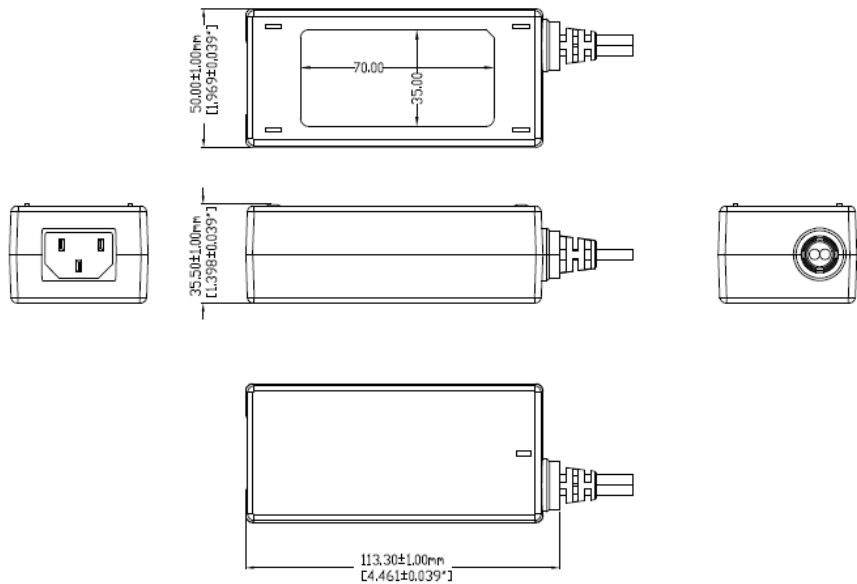
FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT: <https://r.globtek.info/3QeaqtD>

INGRESS PROTECTION: IP42, IP54 Option available

|                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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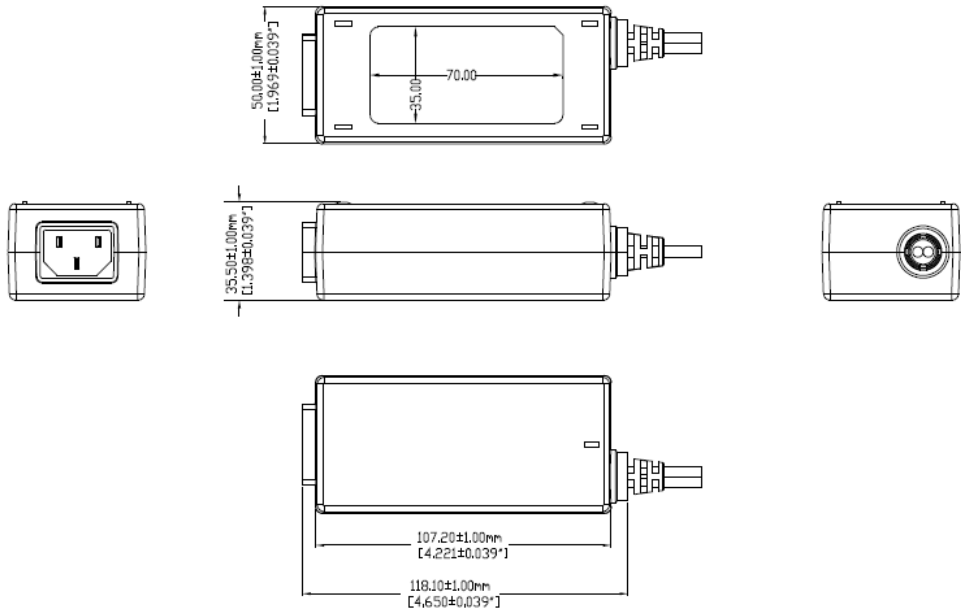
3D File Download
<https://www.globtek.com/dl/GTM96300-T3%20without%20a%20waterproof%20barrier.igs>

Mechanical drawing



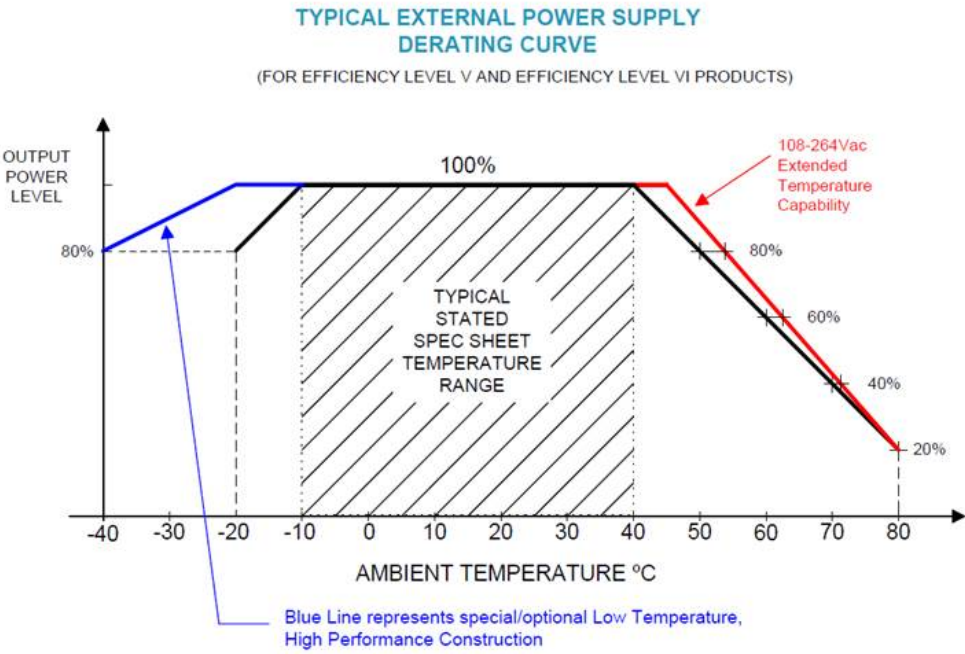
Alternative housing with waterproof barrier. Product PN# ends with suffix "RG"

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
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|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |



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DERATING CURVE



|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

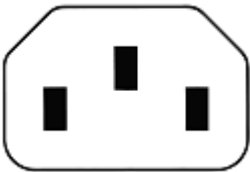
INPUT CONFIGURATION

(F2) Floating output, functional earth to center of pri-sec bridging capacitors



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

Blades/Cord Included:N/A:Not Applicable  
Blades/Cord Installed:N/A:Not Applicable  
T3 Inlet (IEC 60320/C14)  
IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground



Mates with IEC 60320/C13 Plug

Optional Locking IEC60320 Receptable and cord option available on some models by request.:



[Standard International IEC 320/C13 Cordsets](#)

Below are standard cordsets which are "not included" (unless stated above); these can 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.

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |       |
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| GlobTek, Inc.<br>www.globtek.com<br>186 Veterans Drive,<br>Northvale, NJ 07647<br>Tel. (201) 784-1000<br>Fax (201) 784-0111 | Drawing Title: GTM96300-2307.5-2.5-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14, , Output Rating: 23.00W, 5.0V@4.5A, Pin Out: Center Positive (+V), symbol compliant with IEC 60417 symbol no. 5926, Output Configuration: 1200 mm, 16/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm with internal Spring Clip and Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C2384, Blades/Input Cord: Not Applicable, Approvals: |  |  |  |       |
|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | Rev B |

## Stock Power Supply Cords

| Part Number/ Link                     | Country                                       | Plug                                                                                          | Termination | Length (mm) | (Ft) |
|---------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------|-------------|-------------|------|
| <a href="#">3021457F701(R)</a>        | N. American (Type B)                          | NEMA 5-15P                                                                                    | IEC 320/C13 | 2150        | 7    |
| <a href="#">1191068F0701(R)</a>       | N. American (Type B)                          | NEMA 5-15P Hospital                                                                           | IEC 320/C13 | 2459        | 8    |
| <a href="#">2194272M5701-T(R)</a>     | Argentina (Type I)                            | IRAM 2073                                                                                     | IEC 320/C13 | 2500        | 8    |
| <a href="#">5502022M5701A(R)</a>      | Australian (Type I)                           | AS3112 / 3 PRONG                                                                              | IEC 320/C13 | 2500        | 8    |
| <a href="#">204B4272M5701(R)</a>      | Brazil (Type N)                               | BRAZIL                                                                                        | IEC 320/C13 | 2500        | 8    |
| <a href="#">6023602M5701(R)</a>       | China (Type I)                                | CCC GR2099                                                                                    | IEC 320/C13 | 2500        | 8    |
| <a href="#">G8014272M5701(R)</a>      | Danish (Type K)                               | AFSNIT SECTION 107-2-D1                                                                       | IEC 320/C13 | 2500        | 8    |
| <a href="#">23144272M5701-T(R)</a>    | Europe (Type E)                               | CEE 7/7                                                                                       | IEC 320/C13 | 2500        | 8    |
| <a href="#">23134272M5701EUKR(R)</a>  | Europe/Korea Combo (Type E)                   | CEE 7/7 / KSC8305                                                                             | IEC 320/C13 | 2500        | 8    |
| <a href="#">205IN4272M5701(R)</a>     | India (Type D)                                | India IS 1293 (also known as IA16A3 or BS546)                                                 | IEC 320/C13 | 2500        | 8    |
| <a href="#">208IN4272M5701(R)</a>     | India (Type M)                                | India IS 1293 (also known as IA16A3 or BS546)                                                 | IEC320/C13  | 2500        | 8    |
| <a href="#">377C4272M5701(R)</a>      | Israel (Type H)                               | ISL 377C                                                                                      | IEC 320/C13 | 2500        | 8    |
| <a href="#">23024272M5701(R)</a>      | Italy (Type L)                                | CEI 23-16/VII                                                                                 | IEC 320/C13 | 2500        | 8    |
| 3003339F701(R)<br>[3x1.25mm2]         | Japan (Type B)                                | JIS 8303 / 3 PINS                                                                             | IEC 320/C13 | 2500        | 8    |
| 3003068F2701-HK(R)<br>[3 x 2.0mm2]    |                                               |                                                                                               |             |             |      |
| <a href="#">302J115J6F0701J(R)</a>    | North America / Japan (Type B – 12A)          | NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)                                  | IEC 320/C13 | 1830        | 6    |
| <a href="#">302J104J6F0701J(R)</a>    | North America / Japan (Type B – 15A)          | NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)                                  | IEC 320/C13 | 1830        | 6    |
| <a href="#">302JT104J9F0701JT(R)</a>  | North America / Japan / Taiwan (Type B – 15A) | NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved), Taiwan CNS 6797 (BSMI Approved) | IEC 320/C13 | 2800        | 9    |
| <a href="#">2313K3432M5701(R)</a>     | Korea (Type F)                                | KS C 8305                                                                                     | IEC 320/C13 | 2500        | 8    |
| <a href="#">5804272M5701(R)</a>       | Russia (Type F)                               | GOST 7396                                                                                     | IEC 320/C13 | 2500        | 8    |
| <a href="#">2084272M5701(R)</a>       | South Africa (Type M)                         | South Africa SABS164-1 (16A type)                                                             | IEC 320/C13 | 2500        | 8    |
| <a href="#">23214272M5701(R)</a>      | Switzerland (Type J)                          | SEV 1011                                                                                      | IEC 320/C13 | 2500        | 8    |
| <a href="#">3003322M5701(R)</a>       | Taiwan (Type B)                               | BSMI                                                                                          | IEC 320/C13 | 2500        | 8    |
| <a href="#">6363762M5701(R)</a>       | Thailand (Type O)                             | TIS 166-2549                                                                                  | IEC 320/C13 | 2500        | 8    |
| <a href="#">PZ0800100-2M5BK13H(R)</a> | UK, Hong Kong,Singapore, Gulf States (Type G) | BS 1363A                                                                                      | IEC 320/C13 | 2500        | 8    |
| <a href="#">7055002M5701A(R)</a>      | International                                 | IEC 320 C14-C13                                                                               | IEC 320/C13 | 2500        | 8    |

## PROPRIETARY INFORMATION

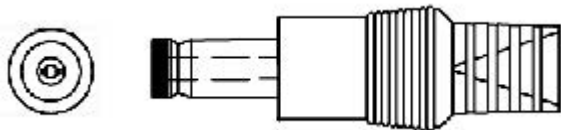
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|                                                                                                                             | Rev B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

OUTPUT CORD AND CONNECTOR:
LCL/C2384

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

|                                      |                                                                                     |
|--------------------------------------|-------------------------------------------------------------------------------------|
| CABLE TYPE                           | UL 1185                                                                             |
| CABLE LENGTH (mm)                    | 1200                                                                                |
| CABLE TOLERANCE (mm)                 | +100-0                                                                              |
| WIRE GAUGE (AWG)                     | 16                                                                                  |
| 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                            | Female Barrel 5.5 * 2.5 * 11mm with internal Spring Clip and Locking Notch or Equal |
| OVERMOLDED                           | Yes                                                                                 |
| OVER MOLD ORIENTATION                | Straight                                                                            |
| CONNECTOR PIN OUT                    | Center Positive (+V), symbol compliant with IEC 60417 symbol no. 5926               |



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/PtqjL>

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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

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

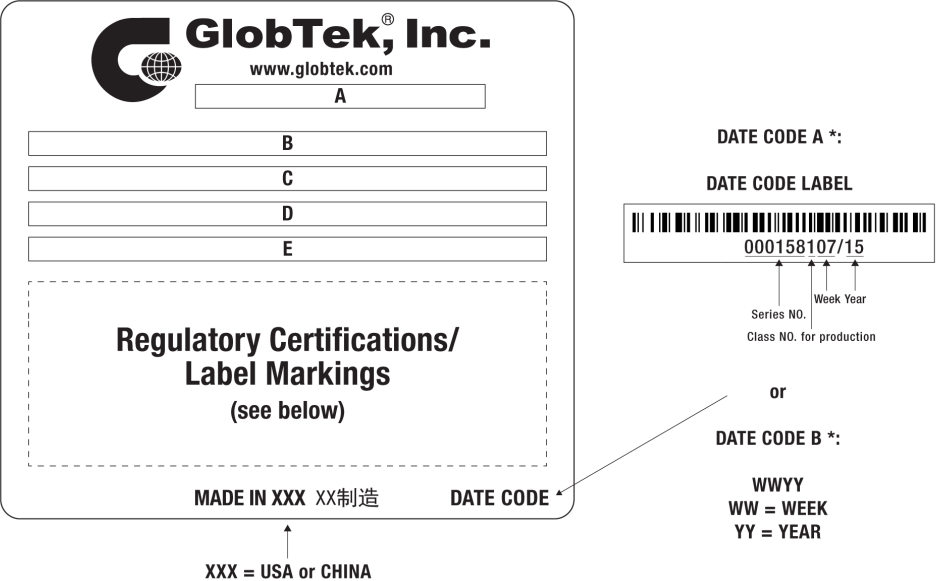
FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT:  
<https://www.globtek.com/en/technical-articles/ferrite-kit-radiated-emi-suppression-kit-for-globtek-power-supplies-cable-assemblies>

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

LABEL:L-1186

|                                |                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LABEL P/N                      | Standard GT                                                                                                                                |
| 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)               | 35.0                                                                                                                                       |
| LABEL HEIGHT (mm)              | 70.0                                                                                                                                       |
| 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.  
Regulatory certifications/label markings may be in logo 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 and/or laser engraved in the case. \* Date code markings at GlobTek option



A=Medical/ICT/ITE/Household use Power Supply  
B=P/N: (料号) TR9CA4500LCP-IMR6B  
C=Model (型号) GTM96300-2307.5-2.5-T3  
D=Input (输入)100-240V~, 50-60 Hz, 1.0A  
E=Output (输出)5.0 V  4.5 A, 23.00W

|                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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|                                                                                                                                                                       | Rev B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                                                                                                                                     |                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AGENCY ONLINE DOCUMENTS                                                                                                             | <a href="http://www.globtek.info/certs/GTM96300-TZ/">http://www.globtek.info/certs/GTM96300-TZ/</a>                                                                   |
| CE EC-Declaration for Medical                                                                                                       | <a href="https://cs.globtek.info/ec_declaration_product?id=01t0c000008lShs&amp;m=1">https://cs.globtek.info/ec_declaration_product?id=01t0c000008lShs&amp;m=1</a>     |
| CE EC-Declaration for Industrial/Commercial/ITE                                                                                     | <a href="https://cs.globtek.info/ec_declaration_product?id=01t0c000008lShs&amp;i=2">https://cs.globtek.info/ec_declaration_product?id=01t0c000008lShs&amp;i=2</a>     |
| CE EC-Declaration for Household                                                                                                     | <a href="https://cs.globtek.info/ec_declaration_product?id=01t0c000008lShs&amp;h=2">https://cs.globtek.info/ec_declaration_product?id=01t0c000008lShs&amp;h=2</a>     |
| UKCA-Declaration for Medical                                                                                                        | <a href="https://cs.globtek.info/ukca_declaration_product?id=01t0c000008lShs&amp;m=1">https://cs.globtek.info/ukca_declaration_product?id=01t0c000008lShs&amp;m=1</a> |
| UKCA-Declaration for Industrial/Commercial/ITE                                                                                      | <a href="https://cs.globtek.info/ukca_declaration_product?id=01t0c000008lShs&amp;i=2">https://cs.globtek.info/ukca_declaration_product?id=01t0c000008lShs&amp;i=2</a> |
| UKCA-Declaration for Household                                                                                                      | <a href="https://cs.globtek.info/ukca_declaration_product?id=01t0c000008lShs&amp;h=2">https://cs.globtek.info/ukca_declaration_product?id=01t0c000008lShs&amp;h=2</a> |
| Morocco SDoC Declaration                                                                                                            | <a href="https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000MmJblEAF">https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000MmJblEAF</a>           |
| RoHS/RoHS3 Declaration                                                                                                              | <a href="https://www.globtek.com/pdf/rohs_cert/01t0c000008lShsAAE">https://www.globtek.com/pdf/rohs_cert/01t0c000008lShsAAE</a>                                       |
| REACH Declaration                                                                                                                   | <a href="https://www.globtek.com/pdf/iso_certificates/REACH.pdf">https://www.globtek.com/pdf/iso_certificates/REACH.pdf</a>                                           |
| Conflict Minerals Declaration                                                                                                       | <a href="https://www.globtek.com/pdf/conflict-minerals.pdf">https://www.globtek.com/pdf/conflict-minerals.pdf</a>                                                     |
| Prop 65 Statement                                                                                                                   | <a href="https://www.globtek.com/prop-65-statement.pdf">https://www.globtek.com/prop-65-statement.pdf</a>                                                             |
| 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/CyDcmsokJoz/wbhXCoG7NR7.html>

|                                                                                 |                                                                                                     |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| AGENCY ONLINE DOCUMENTS                                                         | <a href="http://www.globtek.info/certs/GTM96300-TZ/">http://www.globtek.info/certs/GTM96300-TZ/</a> |
| (F2) Floating output, functional earth to center of pri-sec bridging capacitors |                                                                                                     |



Center Positive (+V), symbol compliant with IEC 60417 symbol no. 5926

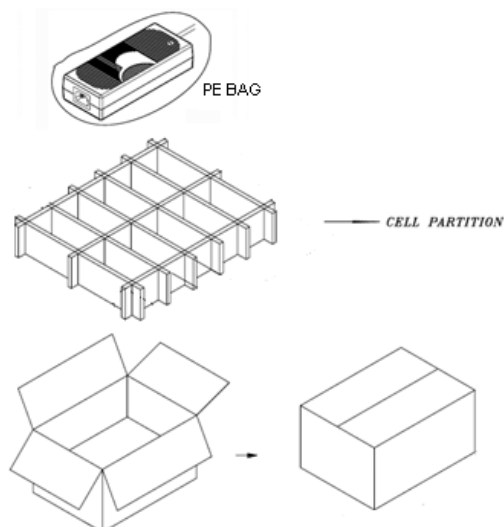
|                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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## PACKAGING

|                                 |                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Packing Spec P/N                | Standard DT, Cellular packaging, User manual                                                                              |
| Packing Quantity/Multiple/MPQ   | 48                                                                                                                        |
| Gift Box Size (mm)              | Egg Crate                                                                                                                 |
| Gift Box Color                  | White                                                                                                                     |
| Master Carton Size (mm)         | 442 x 330 x 275                                                                                                           |
| Master Carton Cubic Volume (m³) | 0.04                                                                                                                      |
| Master GW (Kg)                  | 15.2 kg                                                                                                                   |
| BLADES INCLUDED                 | N/A: Not Applicable                                                                                                       |
| BLADE/CORD INSTALLED            | N/A: Not Applicable                                                                                                       |
| USER MANUAL*                    | 809-DESKTOPUSERMANUAL on A4 paper                                                                                         |
| USER MANUAL WEB LINK            | <a href="https://www.globtek.com/pdf/809-DESKTOPUSERMANUAL.jpg">https://www.globtek.com/pdf/809-DESKTOPUSERMANUAL.jpg</a> |

\* 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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|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-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.

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| GlobTek, Inc.<br>www.globtek.com<br>186 Veterans Drive,<br>Northvale, NJ 07647<br>Tel. (201) 784-1000<br>Fax (201) 784-0111 | Drawing Title: GTM96300-2307.5-2.5-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14, , Output Rating: 23.00W, 5.0V@4.5A, Pin Out: Center Positive (+V), symbol compliant with IEC 60417 symbol no. 5926, Output Configuration: 1200 mm, 16/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm with internal Spring Clip and Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C2384, Blades/Input Cord: Not Applicable, Approvals: |       |
|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

INSTRUCTION SHEET

N/A

|                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
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|                                                                                                                             | Model No. GTM96300-2307.5-2.5-T3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
|                                                                                                                             | Part No./Ordering No. TR9CA4500LCP-IMR6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rev B |

