Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

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:

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

## **REVISION HISTORY**

REV	DESCRIPTION	SUB	DATE	APPROVED
С	Update label specs to ISO 15223 medical device compliant label, Remove note from deviation, change O/P ferrite to 17.5*28.5*12.5mm	QA	02/03/2023	QA
В	Update packing to 'Cell packing for DT plug model with T00 plug and manual'	QA	06/06/2019	QA
Α	Initial Release	fclif	05/03/2019	QA

## POWER SUPPLY INFORMATION

TVDE

TYPE	Potted/Encapsulated in plastic housing
TECHNOLOGY	Regulated Switchmode AC-DC Power Supply AC Adaptor
CASE COLOR	GlobTek Black
NAMEPLATE RATED INPUT	100-240V~, 50-60 Hz, 1.5A
INPUT CONFIG	Lead Wires
WATTS	65.00
VOLTS OUT	24.0
CURRENT OUT (Amps)	2.7
BLADE/CORD INCLUDED	FC-NA2-1830 North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P
BLADE/CORD INSTALLED	N/A :Not Applicable
INGRESS PROTECTION	IP68
GROUNDING CONFIGURATION	(F1) Floating output, Class II / double insulated
EFFICIENCY LEVEL	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782
OUTPUT CONFIGURATION	1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5*28.5*12.5, GlobTek Black, GT Cord # C70679
OVERMOLDED	Yes
OUTPUT CONNECTOR GENDER	not applicable
CONNECTOR PIN OUT	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:  https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE
LABEL SPECS	ISO 15223 medical device compliant label,L-1470
SPECIAL BARCODE LABEL MATERIAL	No
PACK SPEC	Cell packing for DT plug model with T00 plug and manual
USER MANUAL	809-DESKTOPUSERMANUAL on A4 paper

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC GlobTek, Inc. Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, www.globtek.com Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 186 Veterans Drive, Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Northvale, NJ 07647 Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals: Tel. (201) 784-1000 Model No. GTM96600-6524-P2 Fax (201) 784-0111 Part No./Ordering No. PR91I2700T00-IMR6B Rev C

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

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

#### **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. Green Power On Indicator LED
- 06. 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
- 07. Turn-ON/OFF Overshoot: 5% maximum, 1 mS typical recovery time for 40% to 70% step load
- 08. Turn-ON Delay: 1 second maximum @ full load, nominal line
- 09. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
- 10. Inrush Current: 30A/60A maximum cold start @ 115/230Vac input
- 11. Efficiency: Compliant with Efficiency Level VI and CoC Tier 2 standards
- 12. No Load Standby Power: <0.075 W @ 230Vac for <= 49W output power rating,

<0.15W @ 230Vac for > 49W output power rating

## 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 < 85uA, F2 Models < 20uA
- 04. 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
- 05. Earth Continuity Test: < 0.1 Ohm between Earth Pin at AC input and PCB termination point (Class I models only)
- 06. Means of Protection: 2 x MOPP
- 07. Compliant Standards: See listings at end of this drawing for specifics

### D) EMC

EN 60601-1-2, 4<sup>th</sup> edition

Emissions, per EN 55032, EN 61000-6-3, EN 61000-6-4 Conducted Emissions: Class B, FCC Part 15, Class B Radiated Emissions: Class B. FCC Part 15. Class B.

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

Line Frequency Harmonics EN61000-3-2, Class A

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, Criteria

#### E) OTHER:

- 01. MTBF: 1,000,000 Hours @ 40°C ambient temperature, Full Load
- 02. GTM96600 Family: -20°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. Ingress Protection: IP40 standard, IP52 available as special option
- 07. 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
- 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. Low Temperature operation, down to -40°C
- 11. Special Housing Colors and Cordset Colors

#### H) OUTPUT CONNECTORS

Several output connector options are available with various output current ratings.

GlobTek can supply 10A rated 2.1mm and 2.5mm style DC Power Jacks, to complement our

10A output rated 2.1mm and 2.5mm DC power plugs used on our output cordsets.

Please visit https://en.globtek.com/news/high-current-coaxial-barrel-plug-jacks-for-high-wattage-power-supplies for a real time product offering of

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B Rev C

mating connectors.
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: IP68

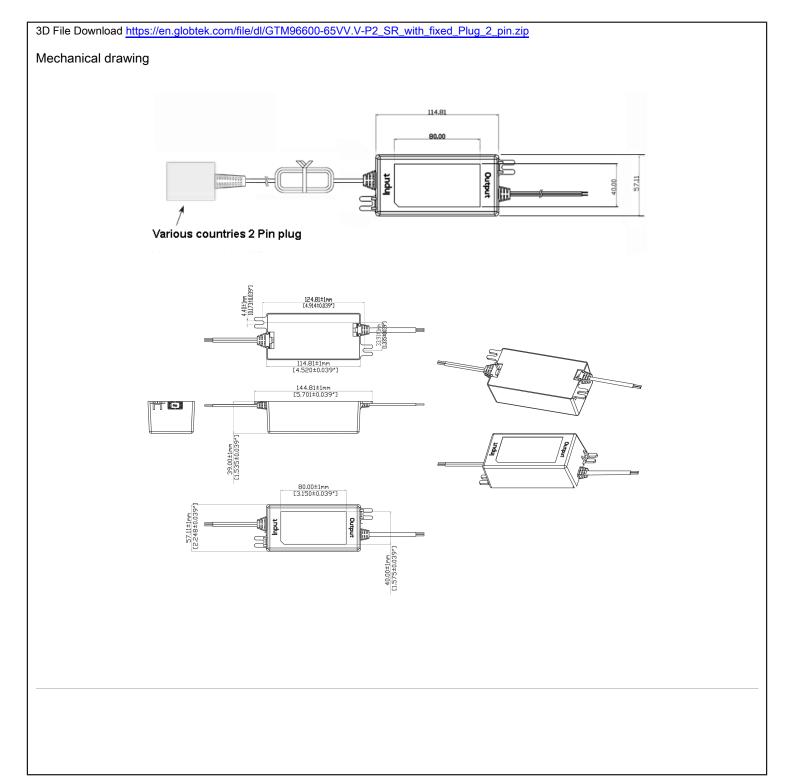
Drawing Title: GTM96600-6524-P2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C



Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

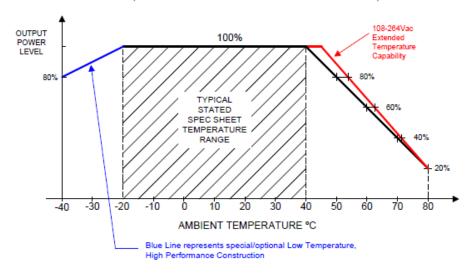
Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

## **DERATING CURVE**

#### TYPICAL EXTERNAL POWER SUPPLY DERATING CURVE

(FOR EFFICIENCY LEVEL V AND EFFICIENCY LEVEL VI PRODUCTS)



Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

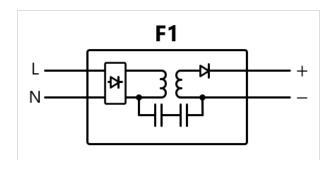
Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

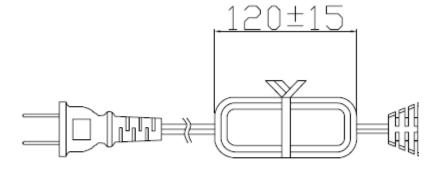
### INPUT CONFIGURATION

(F1) Floating output, Class II / double insulated



Alternate grounding configurations available upon request.

Blades/Cord Included:FC-NA2-1830:North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P



## Blades/Cord Installed:N/A:Not Applicable

Various Input Cordsets See "Blade/Cord Installed" section.

Contact GlobTek for customization requests such as Molded country plugs, Molex or TE connectors, or IEC connectors mounted on any type of cable in any customer specified lengths.

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

OUTPUT CORD AND CO	ONNECTOR:	T00/C70679	
ACTUAL CONNECTORS, O	VERMOLDS, FER	RITES MAY VARY SLIGHTLY FROM THE PICTURE BELOW	
CABLE TYPE		Round Black	
CABLE LENGTH (mm)		1500	
CABLE TOLERANCE (mm)		± 50	
WIRE GAUGE (AWG)		18	
CONDUCTORS		2	
HANK DIMENSION (mm)		80 ± 10	
CABLE / CONNECTOR OVE	ERMOLD COLOR	GlobTek Black	
FERRITE TYPE AND DIMEN	NSION	Core size: 17.5*28.5*12.5	
FERRITE NUMBER OF TUR	RNS(Definition)	2 Pass thru core (1 turns)	
FERRITE DIMENSION FROM	M STRAIN RELIE	=50±10	
FERRITE DIMENSION FROM	M PLUG	N/A	
PLUG TYPE		T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit)	
OUTPUT CONNECTOR GEI	NDER	not applicable	
OVERMOLDED	Yes		
OVER MOLD ORIENTATION	N Straight		
CONNECTOR PIN OUT	Product demonst	ation T00 All plugs are Medical Grade, Locking, Polarized once installed, tration link: <a href="https://en.globtek.com/news/t00-changeable-output-plug-syste">https://en.globtek.com/news/t00-changeable-output-plug-syste</a> ECTORS AVAILABLE	,

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

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

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

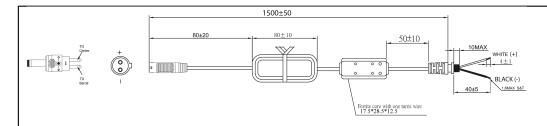
Drawing Title: GTM96600-6524-P2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

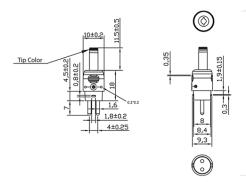
Part No./Ordering No. PR91I2700T00-IMR6B

Rev C



Cable OD 4.8 ± 0.15 mm

Individual conductor (Black & White) OD value of this 18 AWG cable is 2.0 ± 0.1 mm



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

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

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

Please click here and review usage guidance below before use.

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

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

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC GlobTek, Inc. Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, www.globtek.com Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 186 Veterans Drive, Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Northvale, NJ 07647 Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals: Tel. (201) 784-1000 Model No. GTM96600-6524-P2 Fax (201) 784-0111 Part No./Ordering No. PR91I2700T00-IMR6B Rev C

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

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

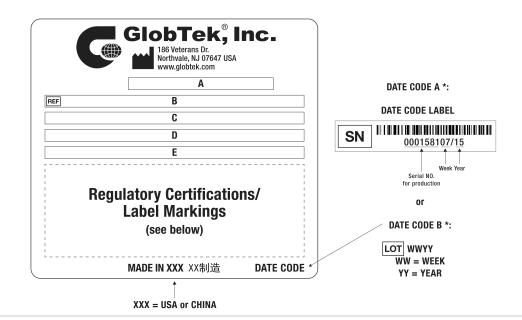
Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

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
WATERIAL	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
I LEXT COLOR	Housing is White or Gray.
LABEL WIDTH (mm)	79.5
LABEL HEIGHT (mm)	39.5
SPECIAL BARCODE LABEL	No
MATERIAL	

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) PR91I2700T00-IMR6B C=Model (型号) GTM96600-6524-P2 D=Input (输入)100-240V~, 50-60 Hz, 1.5A E=Output (输出)24.0 V === 2.7 A, 65.00W

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GTM96600-TZ/
CE EC-Declaration for Medical	https://cs.globtek.info/ec_declaration_product?id=01t0c0000097HuX&m=1
CE EC-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ec_declaration_product?id=01t0c0000097HuX&i=2
CE EC-Declaration for Household	https://cs.globtek.info/ec_declaration_product?id=01t0c0000097HuX&h=2
UKCA-Declaration for Medical	https://cs.globtek.info/ukca_declaration_product?id=01t0c0000097HuX&m=1
UKCA-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ukca_declaration_product?id=01t0c0000097HuX&i=2
UKCA-Declaration for Household	https://cs.globtek.info/ukca_declaration_product?id=01t0c0000097HuX&h=2
Morocco SDoC Declaration	https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0O0c00000Q0hRKEAZ
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t0c0000097HuXAAU
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://www.globtek.com/prop-65-statement.pdf
IDVV rating is based on 3rd party testing and ous	tomore should chack suitability and tost system lovel IDYV rating before ordering

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/bJ7dQ75cfMY/J8Hqb9hUvaN.html AGENCY ONLINE DOCUMENTS http://www.globtek.info/certs/GTM96600-TZ/



(F1) Floating output, Class II / double insulated



Polarity Configuration T00 All plugs are Medical Grade, Locking,

Polarized once installed, and single use only.

Product demonstration link:

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

MOLDED CONNECTORS AVAILABLE

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Rev C

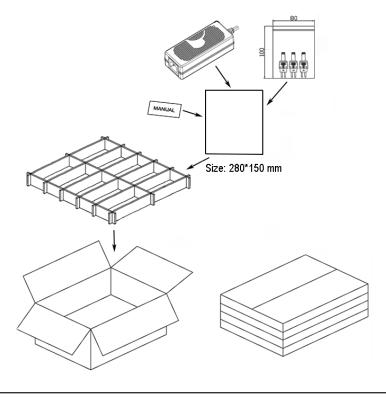
Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

PACKAGING	
Packing Spec P/N	Cell packing for DT plug model with T00 plug and manual
Box Qty	27
Gift Box Size (mm)	Egg Crate
Gift Box Color	White
Master Carton Size (mm)	545 x 485 x 250
Master Carton Cubic Volume (m³)	0.07
Master GW (Kg)	15.6 kg
BLADES INCLUDED	FC-NA2-1830: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P
BLADE/CORD INSTALLED	N/A: Not Applicable
USER MANUAL*	809-DESKTOPUSERMANUAL on A4 paper
USER MANUAL WEB LINK	https://www.globtek.com/pdf/809-DESKTOPUSERMANUAL.jpg

<sup>\*</sup> 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.



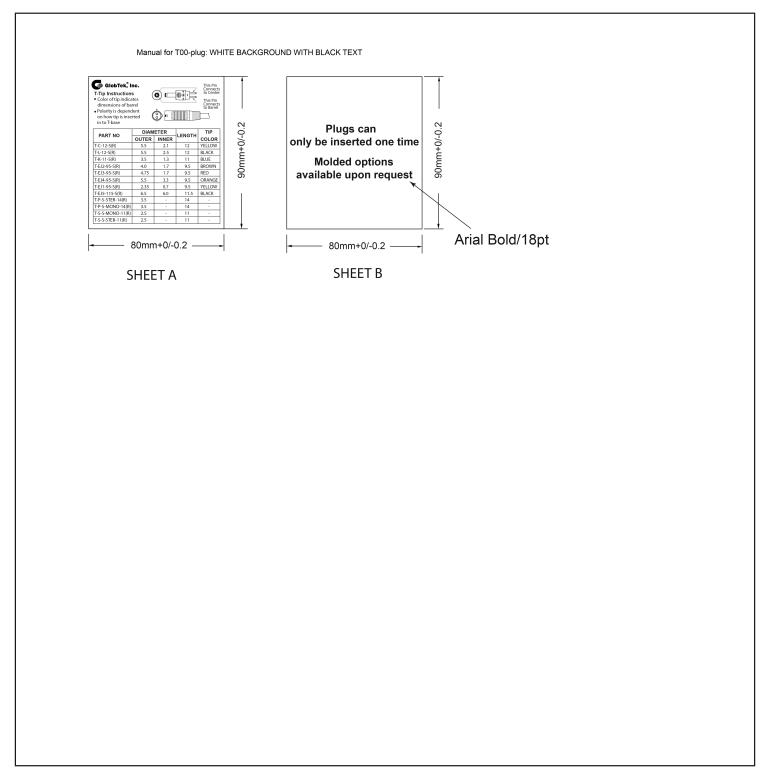
Drawing Title: GTM96600-6524-P2, ICT / ITE / Medical Power Supply/Class 2/Household Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C



Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC GlobTek, Inc. Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, www.globtek.com Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 186 Veterans Drive, Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Northvale, NJ 07647 Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals: Tel. (201) 784-1000 Model No. GTM96600-6524-P2 Fax (201) 784-0111 Part No./Ordering No. PR91I2700T00-IMR6B Rev C

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B

Rev C

## 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.

Drawing Title: GTM96600-6524-P2, 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, Potted/Encapsulated in plastic housing, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Lead Wires, , Output Rating: 65.00W, 24.0V@2.7A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link:

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core size: 17.5\*28.5\*12.5, GlobTek Black, GT Cord # C70679, Blades/Input Cord: North American Fixed Input Cord: 2 Conductor, SPT-1, 18/2, 1830 mm, Black, UL/CSA, NEMA 1-15P, Approvals:

Model No. GTM96600-6524-P2

Part No./Ordering No. PR91I2700T00-IMR6B Rev C

INSTRUCTION SHEET	
N/A	

Fax (201) 784-0111   Model No. GTM96600-6524-P2   Part No./Ordering No. PR91I2700T00-IMR6B   Rev C	
Part No./Ordering No. PR91I2/00100-IMR6B Rev C	