		Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+D	esktop Combination,		
	GlobTek, Inc.	Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, Pin	Out: Polarity		
	www.globtek.com	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 Configur	ation: 1830 mm, 18/1C		
186 Veterans Drive, Northvale, NJ 07647  Northvale, NJ 07647					
					Tel. (201) 784-1000
	Fax (201) 784-0111	Model No. GTM91120LI30LL			
	1 ax (201) 104-0111	Part No./Ordering No. GTM91128LI3C1000T00	Rev B1		

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

ISO13485:2016 - Medical Devices Quality Management System Certification ISO14001:2015 - Environmental Management System Certification

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

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

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

# Footnote:

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

# Limitation of Use:

GlobTek products are intended for use with commercial, medical, and/or industrial equipment only. GlobTek product are not authorized for use as mission critical components in life support hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of GlobTek Inc.

Contents of this document are subject to change without prior notice.

# Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing. A delay in receipt of this form will delay delivery schedule.

Company Name:	Customer P/N:		
Quote Number:	Date:		
Authorized Representative Name:	Authorized Representative Signature:		

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

# **REVISION HISTORY**

REV	DESCRIPTION	SUB	DATE	APPROVED
B1	Update label specs to ISO 15223 medical device compliant label, add UKCA	QA	03/13/2024	QA
В	Change GOST to EAC	QA	09/05/2018	QA
Α	Initial Release	fclif	06/06/2018	QA

# POWER SUPPLY INFORMATION

TYPE	Wall Plug-in+Desktop Combination			
TECHNOLOGY	Li-Ion Battery Charger			
CASE COLOR	GlobTek Black			
NAMEPLATE RATED INPUT	100-240V~, 50-60 Hz, 1.5A			
INPUT CONFIG	IEC 60320/C8 w/ Wall Blades Option			
WATTS	12.60			
VOLTS OUT	12.6			
CURRENT OUT (Amps)	1.0			
BLADE/CORD INCLUDED	None (Order Separately)			
BLADE/CORD INSTALLED	None Installed :Packaged with Power Supply in box			
INGRESS PROTECTION	Indoor Use			
GROUNDING CONFIGURATION	(F1) Floating output, Class II / double insulated			
EFFICIENCY LEVEL	N/A			
OUTPUT CONFIGURATION	1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm			
	plugs in each kit), Ferrite: Core Size: 14.2*28.5*8.2, GlobTek Black, GT Cord # C21500			
OVERMOLDED	Yes			
OUTPUT CONNECTOR GENDER	not applicable			
	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and			
CONNECTOR PIN OUT	single use only. Product demonstration link:			
	https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED			
	CONNECTORS AVAILABLE			
LABEL SPECS	ISO 15223 medical device compliant label,L-1470			
SPECIAL BARCODE LABEL MATERIAL	No			
PACK SPEC	Packing for DT plug model with T00 plug and manual			
USER MANUAL	809-DESKTOPUSERMANUAL on A4 paper			

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, GlobTek, Inc. Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: www.globtek.com https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1830 mm, 18/1C 186 Veterans Drive, + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # Northvale, NJ 07647 C21500, Blades/Input Cord: (Order Separately), Approvals: Tel. (201) 784-1000 Model No. GTM91128LI3CEL Fax (201) 784-0111 Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

	Notes/Modifications/Customizations (notes in this section supersede the values shown in the standard spec)	
I	DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE	
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Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

# **ELECTRICAL SPECIFICATIONS**

# A) ELECTRICAL SPECIFICATIONS

Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz

Input Current: < 1.5A RMS Max

- 01. Pre-Charge Current: 10% of bulk charge current (typical)
- 02. Bulk Charge Current: see table for nominal value, ±10% max variance
- 03. Full Charge Voltage: 1 cell: 4.2Vdc; 2 cell: 8.4Vdc, 3 cell: 12.6Vdc, +/-1% Max Variance
- 04. Charge Termination Current: 10% of bulk charge current (typical)
- 05. Pre-Charge to Bulk Charge Battery Transition Voltage: 1 cell: 2.86Vdc to 3.15Vdc, 2 cell: 5.72Vdc to 6.30Vdc; 3 cell: 8.58Vdc to 9.45Vdc Charger will be in pre-charge mode when the battery voltage is below the transition voltage.
- 06. Battery Charging Ambient Temperature: 0°C to 35°C
- 07. Back-Up Charge Termination Timer: 3 hours standard. Timer may be set to 3 to 12 hours range for batteries with high Ahr capacity by GT engineering. Charger will terminate charging when timer expired. Please advise Sales dept of you battery Ahr capacity.
- 08. LED Charge Status Indicator
  - a. Pre-Charge: Solid Amber
- b. Bulk Charge: Solid Amber
- c. Charge Complete: Solid Green
- d. No battery or Fault: Green and Amber LED off
- B) ENERGY EFFICIENCY PERFORMANCE
- 01. CEC Compliant, to Battery Charger Requirements, with up to 10AHr battery
- 02. DOE Compliant, to Battery Charger Requirements, with up to 10AHr battery

#### C) PROTECTION MODES\*

- 01. Over Voltage Protection: 1 cell: 4.6Vdc 5.0Vdc, 2 cell: 9.2Vdc 10.0Vdc; 3 cell: 13.8Vdc 15.0Vdc Charger will terminate charging when over voltage occurs
- 02. Short Circuit Protection: Charger will not commence charging when BAT+ and BAT- are shorted
- 03. Over Temperature Protection: Charger will terminate charging if battery temperature reached 45°C±3°C. Charger will autorecover when temperature drops to about 30°C±3°C. For this feature, 10Kohm thermistor (NTC, 103AT) is required to be installed inside the battery pack. For battery packs without the thermistor, over temperature protection feature is not available and a 10K Ohm resistor is installed inside the charger to bypass the over temperature protection circuit.
- 04. Reverse Battery Protection: Battery should be mechanically protected from being installed reversed
- 05. Defective Battery Protection: If battery voltage will not rise above the pre-charge to bulk charge transition voltage (2.86Vdc to 3.15Vdc) within 30 minutes from the time pre-charging begins, the battery is considered defective and the charger will terminate charging.
- \*When fault condition occurs, the battery has to be removed from the charger and reinstalled after at least 3 seconds to reset the protection. Charging will commence after battery reinstallation only when the fault is cleared.

### D) SAFETY

- 1. IEC 60950-1, IEC 60601-1, IEC 60335-1, IEC 61558-1.
- 2. Dielectric Withstand Voltage: 5656 Vdc from primary to secondary

Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C

+ Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

- 3. Earth Leakage Current: N/A for Class II units, there is no PE Ground pin, so Earth Leakage current is not measured
- 4. Touch Current: Maximum allowed values: 100uA NC(Normal condition) 500uA SFC(single fault condition)

- 01. MTBF: 300,000 Hours @ 25°C ambient temperature
- 02. Operating Temperature: 0°C to 35°C ambient temperature
- 03. Humidity: 0% to 90% relative humidity
- 04. Storage Temperature: -10°C to 70°C
- 05. Cooling: Convection

# F) ENCLOSURE

- 01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
- 02. Size: 53.47\*117.53\*36.6 +/-1.0 mm

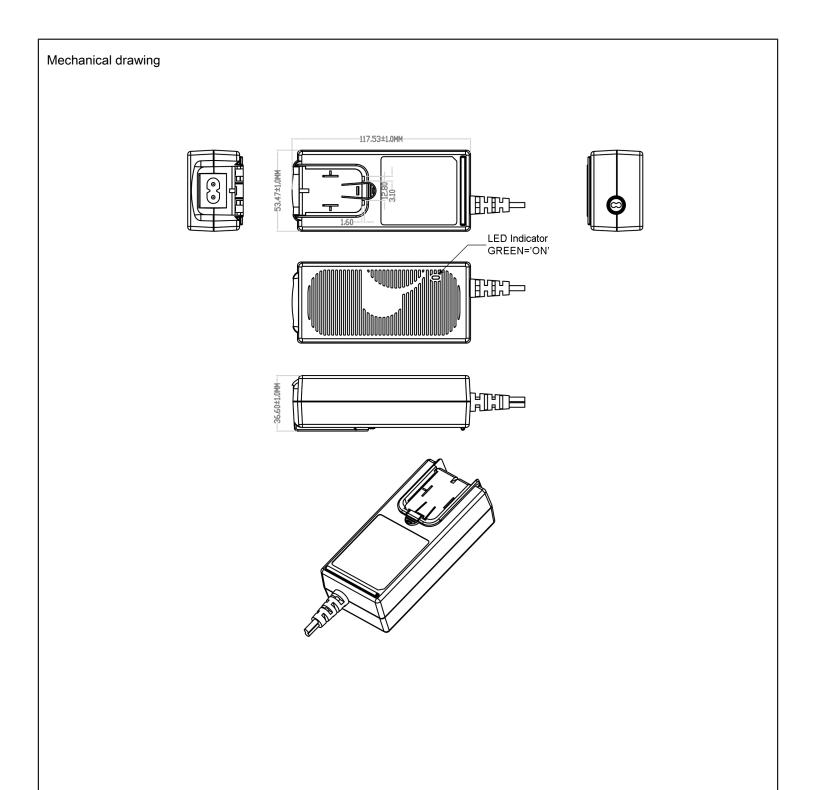
Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, GlobTek, Inc. Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: www.globtek.com https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1830 mm, 18/1C 186 Veterans Drive, + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # Northvale, NJ 07647 C21500, Blades/Input Cord: (Order Separately), Approvals: Tel. (201) 784-1000 Model No. GTM91128LI3CEL Fax (201) 784-0111 Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

03. Markings: Label and/or Pad Printed and/or Molded in the case 04. GREEN LED to indicate (see above electrical specifications)			
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: Indoor Use			

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

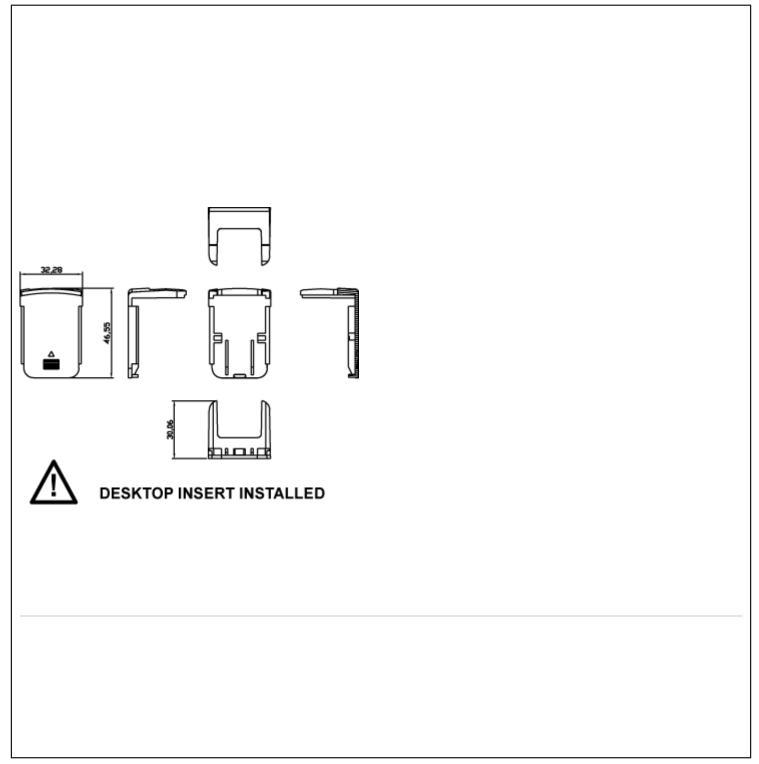
Part No./Ordering No. GTM91128LI3C1000T00



Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00



Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

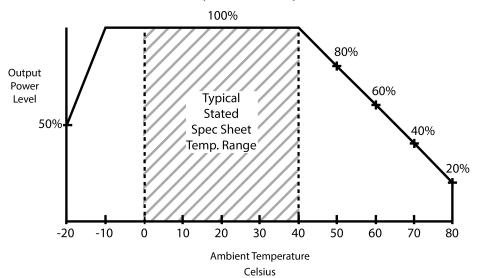
Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

# **DERATING CURVE**

# **Typical External Power Supply Derating Curve**

(For Efficiency Level V and Efficiency Level VI Products)



Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

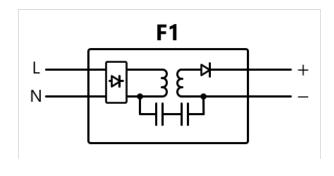
Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

# INPUT CONFIGURATION

(F1) Floating output, Class II / double insulated



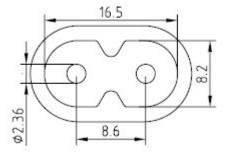
Alternate grounding configurations available upon request.

Blades/Cord Included:None:(Order Separately)

Blades/Cord Installed:None Installed:Packaged with Power Supply in box

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

**Blade Insertion Instructions** R-Blade Style Instruction Video



Mates with IEC 60320/C8 Plug

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

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

#### PROPRIETARY INFORMATION

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

# Part Number	Main Country/Region	Plug	IECEE Type
1R-NA-2(R)	North America, Japan		Type A
2R-SAA-2(R)	Australia/New Zealand		Type I
3R-UK-2(R)		dUK, Hong Kong, Singapore, Gulf States	Type G
4R-EU-2(R)	Europe	CEE 7/16	Type C
5R-CN-2(R)	China	GB 2099	Type A
6461-03030003(R		R-DI(R) Desktop Insert for use with a cord	
7 R-KIT-2(R)	prepackaged kit	1,2,3,4 above	N/A
8 R-KIT-2-INTL(R)	· · · · ·	2,3,4 above	N/A
. ,	• •	• •	

Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-lon Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord #

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

C21500, Blades/Input Cord: (Order Separately), Approvals:

Rev B1







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

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

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







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

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

R-DI
P/N: R-DI
DESKTOP INSERT

#### Standard Cordsets

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

Standard International IEC 320/C7 Cordsets

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

Part Number	Country	Plug	Connector Leng (mm)	ŭ	
2094112M703(R)	Argentina (Type I)	IRAM 2063	IEC 320/C7	2000	7
5014112M703A(R)	Australian (Type I)	AS 3112	IEC 320/C7	2000	7
207B4111M8703(R)	Brazil (Type N)	NBR14136	IEC 320/C7	1800	6
4533501M8703(R)	China (Type A)	GB 2099.1	IEC 320/C7	1830	6
2074112M703A(R)	European (Type C)	CEE 7/16	IEC 320/C7	2000	7
2084111M8703(R)	South Africa (Type M)	BS 546	IEC 320/C7	1800	6
2084111M8703B(R)	India (Type D)	ISI:1293	IEC 320/C7	1800	6
2714111M8703A(R)	India (Type C)	ISI:1293	IEC 320/C7	1800	6
451J3401M8703(R)	Japan (Type A)	JIS 8303	IEC 320/C7	1830	6
2044112M703A(R)	Korea (Type C)	KS C8305	IEC 320/C7	2000	7
4511116F703A(R)	N. American (Type A)	NEMA 1-15P	IEC 320/C7	1830	6
4033401M8703A(R)	Taiwan (Type A)	CNS690	IEC 320/C7	1830	6
6104112M703A(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7	2000	7

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-lon Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C

https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

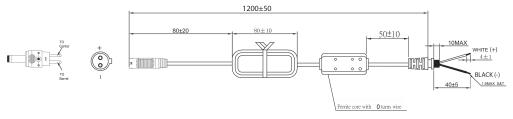
Rev B1

CUITDUIT CODD AND CONNECTOD	T00/004500
OUTPUT CORD AND CONNECTOR:	T00/C21500
ACTUAL CONNECTORS, OVERMOLDS, FER	RITES MAY VARY SLIGHTLY FROM THE PICTURE BELOW
CABLE TYPE	UL 1185
CABLE LENGTH (mm)	1830
CABLE TOLERANCE (mm)	± 150 - 0
WIRE GAUGE (AWG)	18
CONDUCTORS	1C + Shield
HANK DIMENSION (mm)	80 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE AND DIMENSION	Core Size: 14.2*28.5*8.2
FERRITE NUMBER OF TURNS (Definition)	1 Pass thru core (0 turns)
FERRITE DIMENSION FROM STRAIN RELIE	F 50±10
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit)
OUTPUT CONNECTOR GENDER	not applicable
OVERMOLDED Yes	
OVER MOLD ORIENTATION Straight	

OVER MOLD ORIENTATION Straight

CONNECTOR PIN OUT

Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: <a href="https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies">https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies</a> MOLDED CONNECTORS AVAILABLE



Contact impedance: 30 m $\Omega$  max

Insulation resistance: 100 M $\Omega$  min, 500V DC Withstanding Voltage: 500V AC for one minute

Operating temperature: -20°C to 50°C

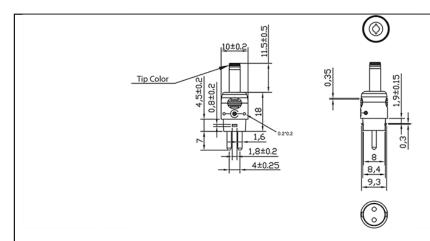
Fire rating: VW-1

Drawing Title: GTM91128L13CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

Rev B1



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

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

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

Please <u>click here</u> and review <u>usage guidance</u> 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

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, GlobTek, Inc. Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: www.globtek.com https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1830 mm, 18/1C 186 Veterans Drive, + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # Northvale, NJ 07647 C21500, Blades/Input Cord: (Order Separately), Approvals: Tel. (201) 784-1000 Model No. GTM91128LI3CEL Fax (201) 784-0111 Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE AT https://www.globtek.com/en/connectors					
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/PtgjjL">https://www.globtek.com/r2/PtgjjL</a>					

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, GlobTek, Inc. Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: www.globtek.com https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1830 mm, 18/1C 186 Veterans Drive, + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # Northvale, NJ 07647 C21500, Blades/Input Cord: (Order Separately), Approvals: Tel. (201) 784-1000 Model No. GTM91128LI3CEL Fax (201) 784-0111 Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

OUTPUT CONNECTOR HOOK UP				
TO ADDRESS SYSTEM-LEVEL EMI CONCERNS, FERRITE CHOKES/BEADS MAY BE ADDED/REVISED UPON REQUEST. A SAMPLE KIT OF GLOBTEK'S STANDARD FERRITES IS AVAILABLE UNDER GLOBTEK P/N: EMI-MITIGATION-KIT1				
FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT:  https://www.globtek.com/en/technical-articles/ferrite-kit-radiated-emi-suppression-kit-for-globtek-power-supplies-cable-assemblies				

Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

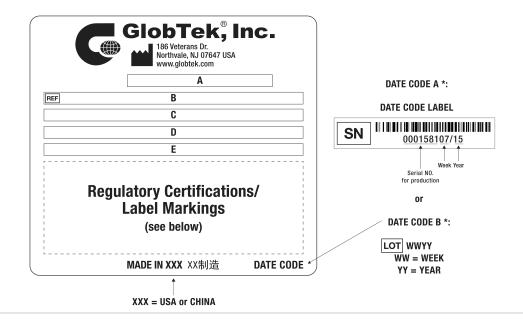
Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

LABEL:L-1470	
LABEL P/N	ISO 15223 medical device compliant label
MATERIAL	Flat Thermal Transfer, Imprintable, Polyester Label and/or Pad Printed and/or Molded, and/or Laser Engraved in the case
BACKGROUND COLOR	Black if housing is Black, White or Silver if housing is White or Gray.
TEXT COLOR	White or Silver if label is Black Background for Black housing. Black if label is White or Silver background and Housing is White or Gray.
LABEL WIDTH (mm)	45.0
LABEL HEIGHT (mm)	50.0
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.

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 B=P/N: (料号) GTM91128LI3C1000T00 C=Model (型号) GTM91128LI3CEL D=Input (输入)100-240V~, 50-60 Hz, 1.5A E=Output (输出)12.6 V === 1.0 A, 12.60W

Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00 Rev B1

http://globtek.info/certs/GTM91128%20Lithium%20lon%20Battery/
Contact GlobTek for more information
https://cs.globtek.info/ec_declaration_product?id=01t0c000008Oq4x&i=3
Contact GlobTek for more information
Contact GlobTek for more information
https://cs.globtek.info/ukca_declaration_product?id=01t0c000008Oq4x&i=3
Contact GlobTek for more information
https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000C2KH4EAN
https://www.globtek.com/pdf/rohs_cert/01t0c000008Oq4xAAC
https://www.globtek.com/pdf/iso_certificates/REACH.pdf
https://www.globtek.com/pdf/conflict-minerals.pdf
https://www.globtek.com/prop-65-statement.pdf

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

# Regulatory Certifications/Label Markings

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

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

LATEST PRODUCT/MODEL CERTIFICATIONS: https://www.globtek.com/ds/6R2yYGBsV8i/Uz3yNggJxVt.html AGENCY ONLINE DOCUMENTS http://globtek.info/certs/GTM91128%20Lithium%20lon%20Battery/



(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

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

Drawing Title: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

PACKAGING	
Packing Spec P/N	Packing for DT plug model with T00 plug and manual
Box Qty	60
Gift Box Size (mm)	142*60*62
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	None: (Order Separately)
BLADE/CORD INSTALLED	None Installed: Packaged with Power Supply in box
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.

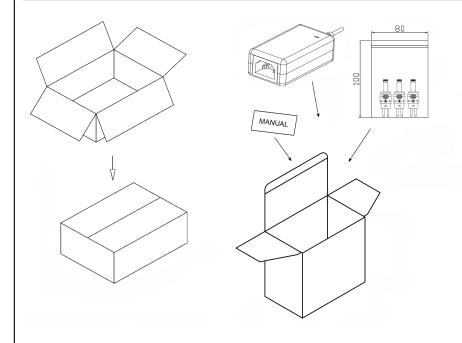
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Part No./Ordering No. GTM91128LI3C1000T00

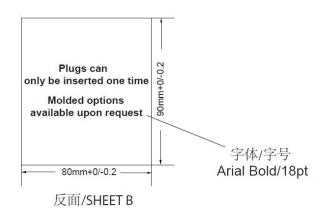
Rev B1

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



# Manual for T00-plug:





Drawing Title: GTM91128LI3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

Rev B1

# 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: GTM91128Ll3CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18/1C + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2\*28.5\*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:

Model No. GTM91128LI3CEL

Part No./Ordering No. GTM91128LI3C1000T00

INSTRUCTION SHEET	
N/A	

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 w/ Wall Blades Option, , Output Rating: 12.60W, 12.6V@1.0A, 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: 1830 mm, 18 + Shield Cond, UL 1185, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: Core Size: 14.2*28.5*8.2, GlobTek Black, GT Cord # C21500, Blades/Input Cord: (Order Separately), Approvals:  Model No. GTM91128LI3CEL	
ax (201) 704-0111	Part No./Ordering No. GTM91128LI3C1000T00	Rev B1