

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;
	Model No. GTM91128LI1CEL
	Part No./Ordering No. GTM91128LI1C1000T00
	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://en.globtek.com/terms-and-conditions/>).

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

Footnote:

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

Limitation of Use:

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

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

Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing.

A delay in receipt of this form will delay delivery schedule.

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

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REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
C	Change Input current from 1.0A to 1.5A	QA	05/31/2018	QA
B	Change packing to Wall plug model with T00 plug and manual	QA	05/24/2018	QA
A	Initial release	rchiu	11/22/2017	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
WATTS:	4.2
VOLTS OUT:	4.2
CURRENT OUT (Amps):	1.0
BLADE/CORD INCLUDED:	None (Order Separately)
BLADE/CORD INSTALLED:	None :(Order Separately)
INGRESS PROTECTION:	Indoor Use
GROUNDING CONFIGURATION:	CONFIGURE GROUNDING CONFIGURATION
EFFICIENCY LEVEL:	N/A
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: None, GlobTek Black, GT Cord # C3775
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:	GTM91128LIXCEL label,L-1555
SPECIAL BARCODE LABEL	
MATERIAL:	No
PACK SPEC:	Packing for Wall plug model with T00 plug and manual
USER MANUAL:	809-PSUQKITUSERMANUAL on A4 paper

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Notes/Modifications/Customizations (notes in this section supersede the values shown in the standard spec):

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

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ELECTRICAL SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS

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, $\pm 10\%$ max variance

03. Full Charge Voltage: 1 cell: 4.2Vdc; 2 cell: 8.4Vdc, 3 cell: 12.6Vdc, $\pm 1\%$ 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 $45^{\circ}\text{C} \pm 3^{\circ}\text{C}$. Charger will autorecover when temperature drops to about $30^{\circ}\text{C} \pm 3^{\circ}\text{C}$. 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

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Model No. GTM91128LI1CEL					
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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)

E) OTHER:

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

INGRESS PROTECTION: Indoor Use

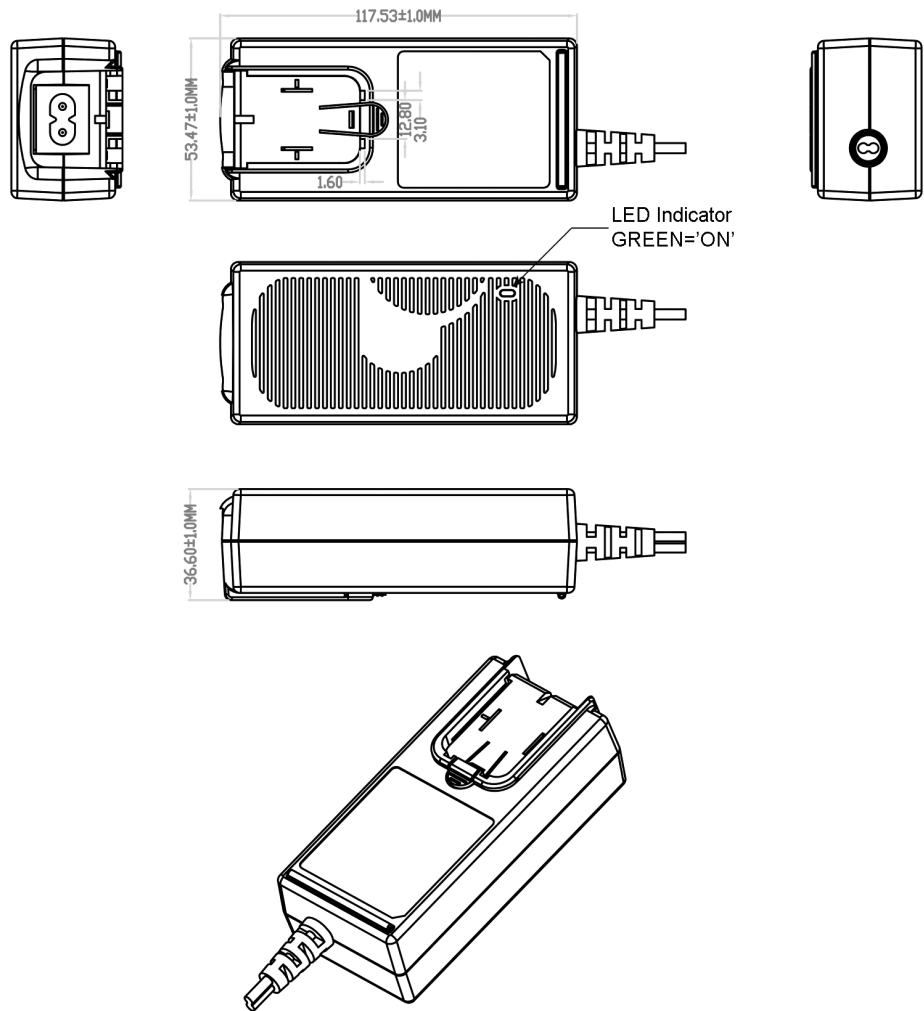
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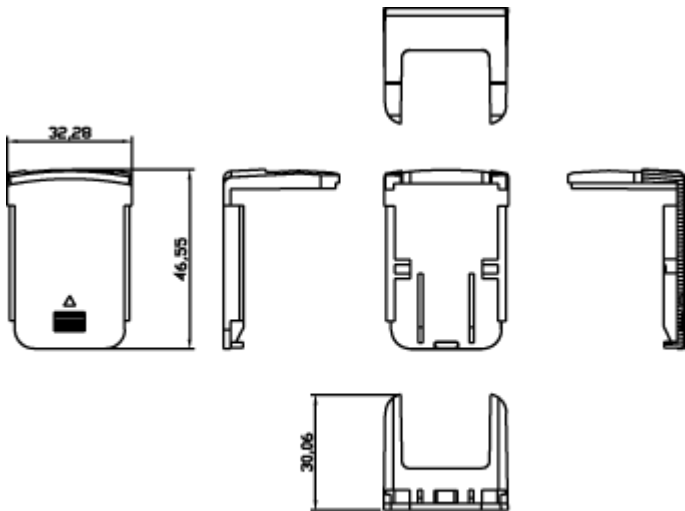
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DESKTOP INSERT INSTALLED

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DERATING CURVE

Typical External Power Supply Derating Curve
(For Efficiency Level V and Efficiency Level VI Products)

Ambient Temperature (Celsius)	Output Power Level (%)
-20	50
-10	100
0	100
10	100
20	100
30	100
40	100
50	80
60	60
70	40
80	20

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INPUT CONFIGURATION

CONFIGURE GROUNDING CONFIGURATION

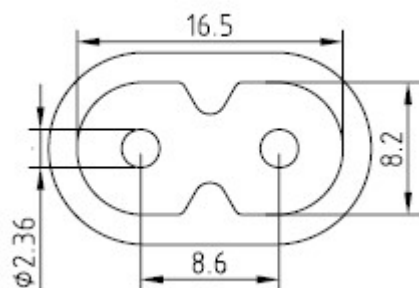
[Alternate grounding configurations](#) available upon request.

Blades/Cord Included:None:(Order Separately)

Blades/Cord Installed:None:(Order Separately)

IEC 60320/C8 AC Inlet connector

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



Mates with IEC 60320/C8 Plug

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

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

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

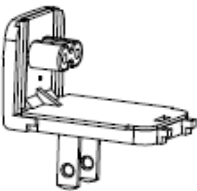
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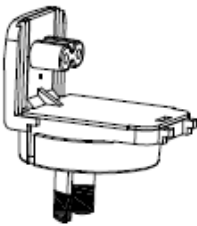
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GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, ICT / ITE / Medical Power Supply, Efficiency Level: N/A, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Li-Ion Battery Charger, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;	
	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	Rev C

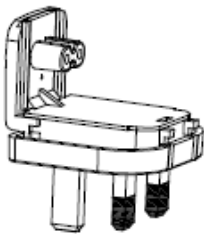
7 R-KIT-2(R)	prepackaged kit	1,2,3,4 above	N/A
8 R-KIT-2-INTL(R)	prepackaged kit	2,3,4 above	N/A



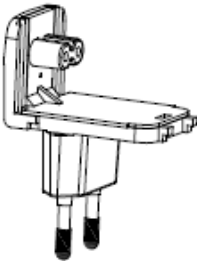
UL 2P
P/N: R-NA-2(R)
NORTH AMERICA
JAPAN



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



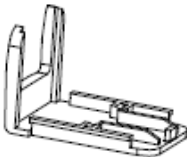
UK 2P
P/N: R-UK-2(R)
UNITED KINGDOM
HONG KONG
SINGAPORE



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		Length	Length
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GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;	
	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	Rev C

Part Number	Country	Plug	Connector	(mm)	(feet)
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

PROPRIETARY INFORMATION

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	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	Rev C

OUTPUT CORD AND CONNECTOR: T00/C3775

ACTUAL CONNECTORS, OVERMOLDS, FERRITES 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 OVERMOLD COLOR	GlobTek Black
FERRITE TYPE / DIMENSION	None
FERRITE # OF TURNS (Definition)	N/A
FERRITE DIMENSION FROM STRAIN RELIEF	N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit)
OUTPUT CONNECTOR GENDER	not applicable
OVERMOLDED	Yes
OVER MOLD ORIENTATION	Straight

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

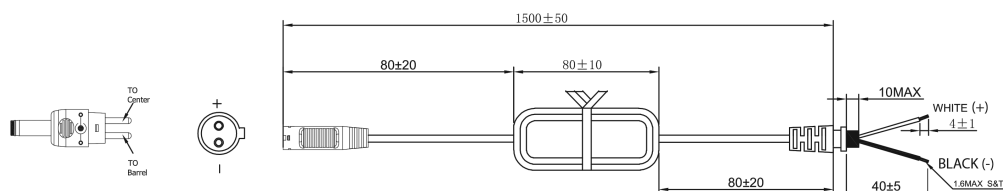
CONNECTOR PIN OUT: Product demonstration link:
<https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies>
MOLDED CONNECTORS AVAILABLE

ADDITIONAL REQUIREMENTS

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

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

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



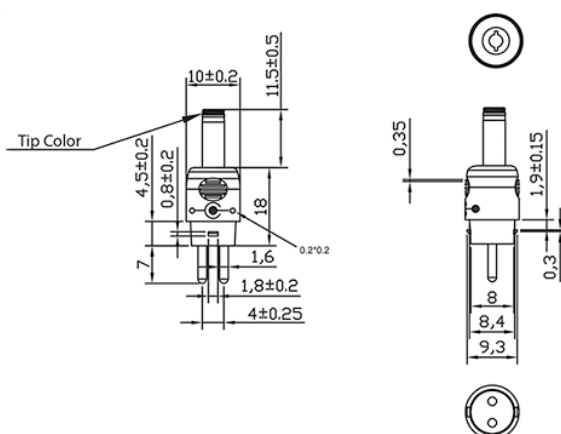
Cable OD 4.8 ± 0.15 mm

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

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GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54; <tr> <td data-bbox="305 331 1377 363">Model No. GTM91128LI1CEL</td><td data-bbox="1377 331 1528 363"></td></tr> <tr> <td data-bbox="305 363 1377 405">Part No./Ordering No. GTM91128LI1C1000T00</td><td data-bbox="1377 363 1528 405">Rev C</td></tr>	Model No. GTM91128LI1CEL		Part No./Ordering No. GTM91128LI1C1000T00	Rev C
Model No. GTM91128LI1CEL					
Part No./Ordering No. GTM91128LI1C1000T00	Rev C				



Option upon request: STRAIGHT

Female Barrels are available for special order in any length between 9mm-14mm

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

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

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

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

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;	
	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	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://en.globtek.com/technical-articles/ferrite-kit-radiated-emi-suppression-kit-for-globtek-power-supplies-cable-assemblies>

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GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;	
	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	Rev C

LABEL:L-1555

LABEL P/N:	GTM91128LIXCEL 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.

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.

1. Add on the label:

Charge Status Indicator

Description	LED Status
Charging	Solid Amber
Charge Complete	Solid Green
No Battery or Fault	Green and Amber LED off

2. Add "Li-Ion BATTERY CHARGER" below line 'A'

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GlobTek, Inc.
www.globtek.com

A

B

C

D

E

**Regulatory Certifications/
Label Markings**
(see below)

MADE IN XXX XX制造

DATE CODE

XXX = USA or CHINA

DATE CODE A *:

DATE CODE LABEL



RoHS Symbol Series NO. Week Year
Class NO. for production

or

DATE CODE B *:

WWYY
WW = WEEK
YY = YEAR

A=ICT / ITE / Medical Power Supply
B=P/N: (料号) GTM91128LI1C1000T00
C=Model (型号) GTM91128LI1CEL
D=Input (输入) 100-240V~, 50-60 Hz, 1.5A
E=Output (输出) 4.2 V  1.0 A, 4.2W

AGENCY ONLINE DOCUMENTS	http://globtek.info/certs/GTM91128%20Lithium%20Ion%20Battery/
CE EC-Declaration for Medical	Contact GlobTek for more information
CE EC-Declaration for Industrial/Commercial/ITE	http://globtek.force.com/models/ec_declaration_product?id=01t0c000006JDCd&i=3
CE EC-Declaration for Household	Contact GlobTek for more information
UKCA-Declaration for Medical	Contact GlobTek for more information
UKCA-Declaration for Industrial/Commercial/ITE	http://globtek.force.com/models/ukca_declaration_product?id=01t0c000006JDCd&i=3
UKCA-Declaration for Household	Contact GlobTek for more information
Morocco SDoC Declaration	https://globtek.secure.force.com/models/Morocco_SDoC_Declaration?id=a0Oa000000C2KH4EAN
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t0c000006JDCdAAO
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://en.globtek.com/prop-65-statement.pdf

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

Regulatory Certifications/Label Markings

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	Model No. GTM91128LI1CEL
	Part No./Ordering No. GTM91128LI1C1000T00
	Rev C

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

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

LATEST PRODUCT/MODEL CERTIFICATIONS: <https://www.globtek.com/datasheet/w70754>

AGENCY ONLINE DOCUMENTS: <http://globtek.info/certs/GTM91128%20Lithium%20Ion%20Battery/>

CONFIGURE GROUNDING CONFIGURATION



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

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	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	Rev C

PACKAGING

Packing Spec P/N:	Packing for Wall 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: (Order Separately)
USER MANUAL*:	809-PSUQKITUSERMANUAL on A4 paper
USER MANUAL WEB LINK:	https://en.globtek.com/pdf/809-PSUQKITUSERMANUAL.jpg

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

PROPRIETARY INFORMATION

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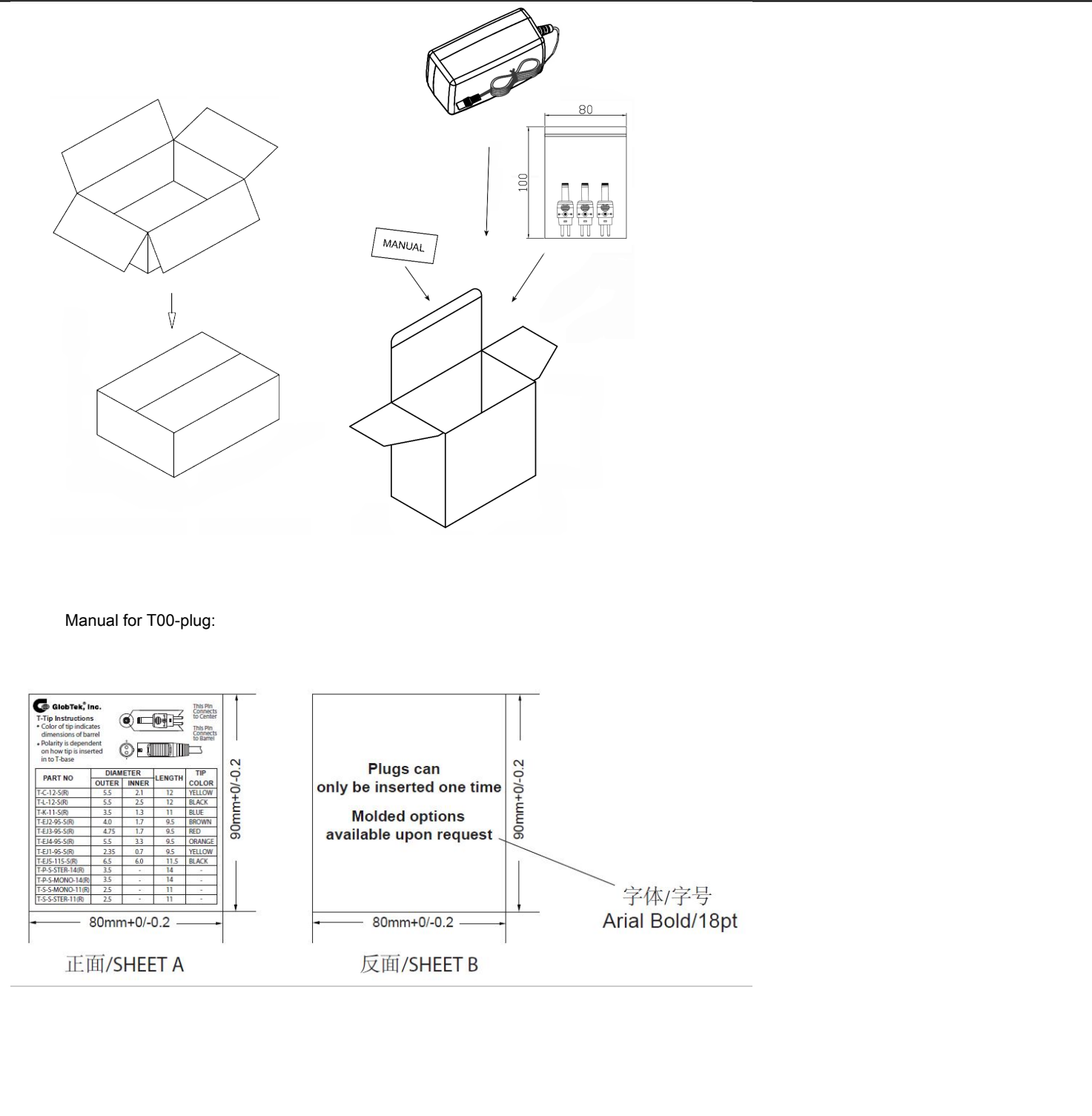
GlobTek, Inc.
www.globtek.com
186 Veterans Drive,
Northvale, NJ 07647
Tel. (201) 784-1000
Fax (201) 784-0111

Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;

Model No. GTM91128LI1CEL

Part No./Ordering No. GTM91128LI1C1000T00

Rev C



GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM91128LI1CEL, 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 , Output Rating: 4.2W, 4.2V@1.0A, 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: None, GlobTek Black, GT Cord # C3775, 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, Blades/Input Cord: (Order Separately), Approvals: CB 60950; ETL; EAC; SIQ 61558; SIQ; SIQ; SIQ; S-Mark 60950; cRUus (up to 30V); cRUus; S-Mark IEC/EN 60601-1; S-Mark 62368; UKCA; CE; RoHS; China RoHS; WEEE; PSE; Ukraine; Double Insulation; ETL; CB 60335; Book 60601; VCCI; IP54;	
	Model No. GTM91128LI1CEL	
	Part No./Ordering No. GTM91128LI1C1000T00	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.

INSTRUCTION SHEET

N/A

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