

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM961200P12019-T2, ICT / ITE / Medical Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8, , Output Rating: 120.00W, 19.0V@6.31A, 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, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/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 # C20764, Blades/Input Cord: Not Applicable, Approvals:	
	Model No. GTM961200P12019-T2	
	Part No./Ordering No. TR9KZ6316T00-IM(R6B)	Rev C1

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

ISO13485:2016 - Medical Devices Quality Management System Certification

ISO14001:2015 - Environmental Management System Certification

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

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

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

#### Footnote:

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

#### Limitation of Use:

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

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

### Customer Approval of Specification:

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

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

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## REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
C1	Update label specs to ISO 15223 medical device compliant label, add Morocco, UKCA approvals, Update RCM to GMA-514113-EA, add IRAM	QA	03/03/2023	QA
C	Update current from 6.32A to 6.31A	QA	05/02/2018	QA
B	Update O/P cord to 16AWG large ground (OD4.3 )	QA	04/20/2018	QA
A	Initial Release	jwam	05/02/2017	QA

## POWER SUPPLY INFORMATION

TYPE	Desktop/External
TECHNOLOGY	Regulated Switchmode AC-DC Power Supply AC Adaptor
CASE COLOR	GlobTek Black
NAMEPLATE RATED INPUT	100-240V~, 50-60 Hz, 1.5 A
INPUT CONFIG	IEC 60320/C8
WATTS	120.00
VOLTS OUT	19.0
CURRENT OUT (Amps)	6.31
BLADE/CORD INCLUDED	N/A Not Applicable
BLADE/CORD INSTALLED	N/A Not Applicable
INGRESS PROTECTION	IP41
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	1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/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 # C20764
OVERMOLDED	No
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: <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
LABEL SPECS	ISO 15223 medical device compliant label,L-1470
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

### Input

Input Voltage:	Specified: 90-264VAC, Nameplate: 100-240VAC 100% rated load current for 90-264VAC 90% rated load current for 85-264VAC 100% rated load current for 90-370VDC
Input Frequency:	Specified: 47-63Hz, Nameplate: 50-60Hz
Power Factor:	0.90 min. @ 230VAC, 0.97 min. @ 115VAC
No Load Input Power:	< 150mW @ 115/230VAC
Inrush Current:	< 65A @ 115VAC, < 130A @ 230VAC (cold start)
Efficiency:	DoE Level VI and EU CoC Tier 2 compliant

### Output

Turn-on Delay:	1 second typ.
Output Regulation:	± 4% (measured at output connector)
Line Regulation:	± 0.5% typ. (measured at output connector, full load)
Ripple:	1% or 200mV, whichever is greater (using a 47µF low-ESR cap + 0.1µF ceramic capacitor, measured @ 20MHz BW, at output connector)
Startup Overshoot:	5% max.
Transient Response:	5% max. deviation, 1ms typ. recovery time (with 25% to 50% load step)
Hold-up Time:	20ms min.
Power Indicator:	Green LED
Switching Frequency:	Variable, 25KHz - 125KHz, depending on load

### Protections

Input Protection:	300VAC MOV transient suppressor, input line fusing
Over-Current Protection	Current limited to less than $< 170W / V_{out(nom.)}$ and $< 13A$ , auto-restart
Short-Circuit Protection:	Auto-restart
Over-Voltage Protection:	110 - 135% (60V max for models rated 45 - 54V), full load condition, latched off, cycle AC to reset
Over-Temperature Protection	Internal ambient NTC temperature sensor, latched off, cycle AC to reset

### Environmental

MTBF:	1,500,000 hours @ 25°C ambient, full load (Telcordia SR-332, Issue 3)
Operating Temperature:	-10°C to 40°C (full load)

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Storage Temperature:	-30°C to 80°C
Humidity:	0% to 95% relative humidity, non-condensing
Altitude:	5000m
Cooling:	Convection
RoHS:	Complies with EU 2011/65/EU and China SJ/T 11363-2006
Note 1:	Regarding operating temperature a. See below de-rating table for output power capability at alternate temperature b. Extended low-end temperature range available as a custom option

## Safety

Dielectric Withstand Voltage:	4000VAC or 5656VDC from input to output 3000VAC or 4242VDC from input to earth (Class I models only)
Touch Current:	Class I: 20µA max. Class II: 70µA max.
Earth Leakage Current	Class I: 300µA max. Class II: N/A
Means of Protection:	2 x MOPP
Output Isolation Options:	Class I: C6 or C14 inlet (output negative tied to Earth contact) Class II: C8 or C18 inlet Class II FE: C6 or C14 inlet (output isolated from Earth contact) Review isolation options by reading our white paper <a href="#">PSU Isolation and Identity</a> .
Primary-to-Secondary Bridging Capacitors:	Two IEC60384-14 Class Y1 capacitors
Earth Continuity Test:	< 0.1Ω between earth pin (on AC inlet) and PCB termination point (Class I models only)
Compliant Standards:	See listing at end of this datasheet for specific standards

## EMC

Applicable Standards:	Medical: EN60601-1-2, 4th edition Emissions: EN55032, EN61000-6-3, EN61000-6-4, CISPR11, CISPR22 Immunity: EN55024, EN61000-6-1, EN61000-6-2
Conducted Emissions:	Class B, FCC Part 15, Class B (with resistive load)
Radiated Emissions:	Class B, FCC Part 15, Class B (with resistive load)
Harmonic Current Voltage Distortion:	EN61000-3-2, Class A
Voltage Fluctuations/Flicker:	EN61000-3-3
Electrostatic Discharge (ESD) Immunity:	EN61000-4-2, 10KV contact discharge, 18KV 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

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Voltage Dip Immunity:	EN61000-4-11
Enclosure	
Housing:	High impact plastic, 94V0 polycarbonate, non-vented
Size:	149.4 * 62.6 * 33.5mm, ± 1.0mm
AC Input Mechanical Options:	C6, C8, C14, or C18 IEC inlet
Markings:	Label and/or pad printed and/or laser-etched into case
Special Options	
<ol style="list-style-type: none"> <li>1. Reduced leakage current to meet IEC60601-1 Type-CF limits</li> <li>2. Improved EN61000-4-5 line surge immunity (3KV differential, 5KV common-mode)</li> <li>3. Reduced harmonic current levels for LED lighting (EN61000-3-2 Class C) for 85 - 120W load</li> <li>4. Short term output surge capability for motors or other high peak current loads</li> <li>5. Ruggedized construction with improved shock and vibration resistance</li> <li>6. Compliance to IPC-600, IPC-610, IPC-6012 Class 2 or 3</li> <li>7. Custom cordsets, special cordage and connector types</li> <li>8. Custom housing markings</li> <li>9. Custom housing/cordage colors</li> <li>10. Tightened output voltage tolerance</li> <li>11. Reduced output ripple level</li> <li>12. Reduced output power rating</li> <li>13. Low temperature option, down to -40°C</li> <li>14. Epoxy potted version "P2" or "P3" suffix, with flying wires or custom cables</li> <li>15. "Back EMF" upgrade, for motor loads and other high inductance applications with reverse energy flow requirements</li> <li>16. Improved ingress protection (IP) rating</li> </ol>	
Output Connectors	
<ul style="list-style-type: none"> <li>• 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.</li> <li>• Please visit our real-time listing of mating connector product offering: <a href="https://en.globtek.com/news/high-current-coaxial-barrel-plug-jacks-for-high-wattage-power-supplies">https://en.globtek.com/news/high-current-coaxial-barrel-plug-jacks-for-high-wattage-power-supplies</a></li> </ul>	

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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

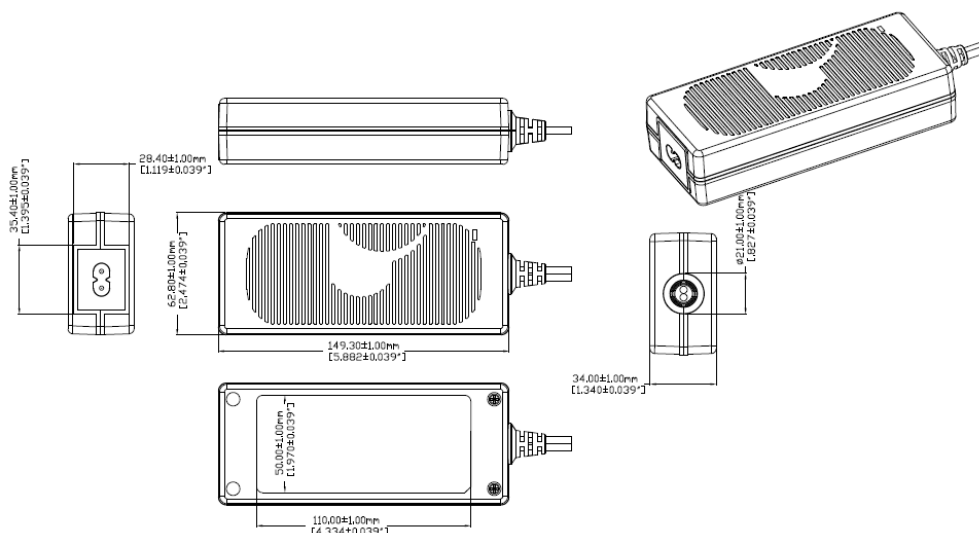
FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT: <https://r.globtek.info/3QeaqtD>

INGRESS PROTECTION: IP41

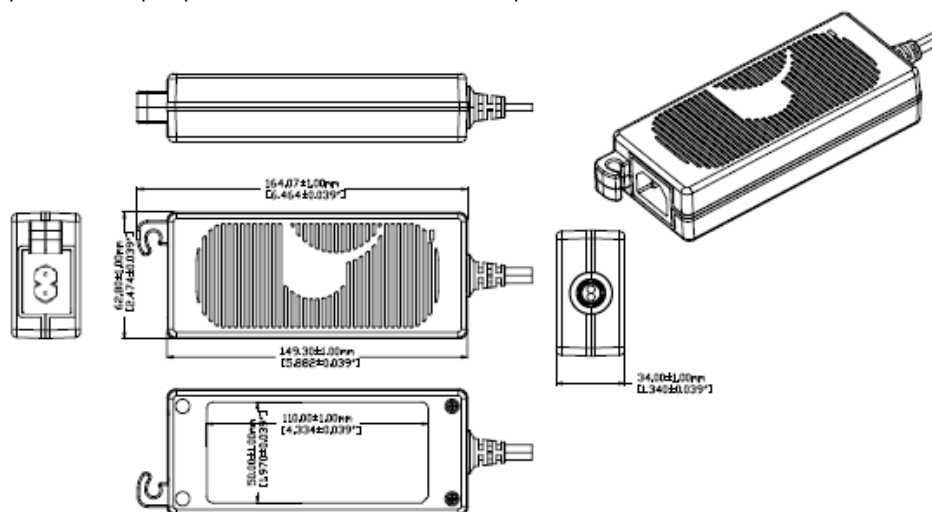
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3D File Download <https://www.globtek.com/dl/GTM96900-GTM961200-T2.igs>

## Mechanical drawing



Alternative housing with input cord clamp to prevent accidental removal of the power cord. Product PN# ends with suffix "CL"





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Product Image

Web Overview

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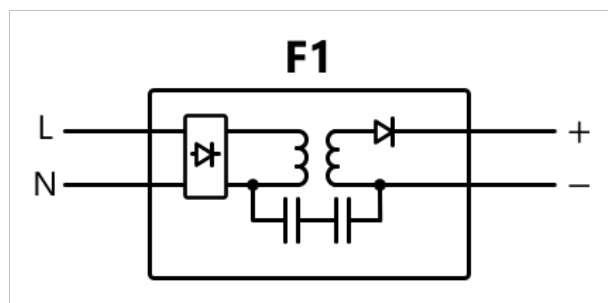
DERATING CURVE



GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM961200P12019-T2, ICT / ITE / Medical Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8, , Output Rating: 120.00W, 19.0V@6.31A, 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: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/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 # C20764, Blades/Input Cord: Not Applicable, Approvals:
Model No. GTM961200P12019-T2	Rev C1
Part No./Ordering No. TR9KZ6316T00-IM(R6B)	

## INPUT CONFIGURATION

(F1) Floating output, Class II / double insulated



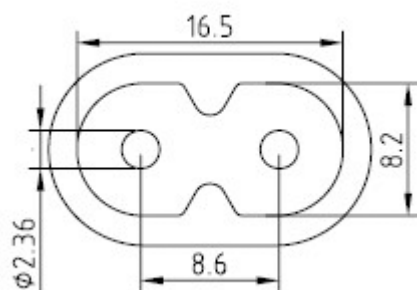
[Alternate grounding configurations](#) available upon request.

Blades/Cord Included:N/ANot Applicable

Blades/Cord Installed:N/ANot Applicable

T2 Inlet (IEC 60320/C8)

IEC 60320/C8 AC Inlet connector, Class II, Non-Earth Ground (aka "Figure-8")



Mates with IEC 60320/C7 Plug

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

### Standard International IEC 320/C7 Cordsets

Part Number	Type	Standard	Connector	Length (mm)	Length (feet)
<a href="#">2094112M703(R)</a>	Argentina (Type I)	IRAM 2063	IEC 320/C7	2000	7
<a href="#">5014112M703A(R)</a>	Australian (Type I)	AS 3112	IEC 320/C7	2000	7
<a href="#">207B4111M8703(R)</a>	Brazil (Type N)	NBR14136	IEC 320/C7	1800	6
<a href="#">4533501M8703(R)</a>	China (Type A)	GB 2099.1	IEC 320/C7	1830	6
<a href="#">2074112M703A(R)</a>	European (Type C)	CEE 7/16	IEC 320/C7	2000	7
<a href="#">2074112M703AEUSA(R)</a>	European/South Africa Combo(Type C)	CEE 7/16	IEC 320/C7	2000	7
<a href="#">2084111M8703B(R)</a>	India (Type D)	IS 1293	IEC 320/C7	1800	6
<a href="#">451J3401M8703(R)</a>	Japan (Type A)	JIS 8303	IEC 320/C7	1830	6

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	Model No. GTM961200P12019-T2	
	Part No./Ordering No. TR9KZ6316T00-IM(R6B)	Rev C1

<a href="#">2044112M703A(R)</a>	Korea (Type C)	KS C8305	IEC 320/C7 2000	7	
<a href="#">4511116F703A(R)</a>	North America (Type A)	NEMA 1-15P	IEC 320/C7 1830	6	
<a href="#">2084111M8703(R)</a>	South Africa (Type M)	BS 546	IEC320/C7 1830	6	
<a href="#">4033401M8703A(R)</a>	Taiwan (Type A)	CNS690	IEC 320/C7 1830	6	
<a href="#">6104112M703A(R)</a>	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C7 2000	7	
<a href="#">451G1116F703A(R)</a>	Gulf States (Kuwait, Bahrain, Oman, Qatar, Saudi Arabia, Yemen and the United Arab Emirates (UAE))(Type A)	Nema 1-15P	IEC320/C7 1830	6	
<a href="#">6303742M5703(R)</a>	Thailand (Type C)	TIS 166-2549	IEC320/C7 2500	8	

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## OUTPUT CORD AND CONNECTOR: T00/C20764

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

CABLE TYPE	Round Black
CABLE LENGTH (mm)	1200
CABLE TOLERANCE (mm)	± 50
WIRE GAUGE (AWG)	16 (Large ground 40/0.20) OD:4.3mm
CONDUCTORS	2
HANK DIMENSION (mm)	80 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE AND DIMENSION	None
FERRITE NUMBER OF TURNS( <a href="#">Definition</a> )	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	No
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 mΩ max

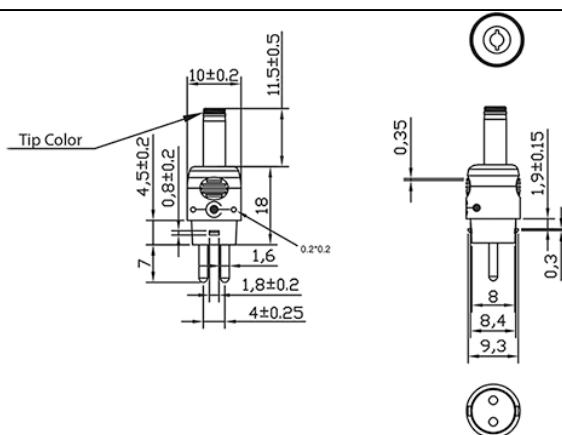
Insulation resistance: 100 MΩ min, 500V DC

Withstanding Voltage: 500V AC for one minute

Operating temperature: -20°C to 50°C

Fire rating: VW-1

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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

Part #	CROSS REFERENCE	OUTER DIAMETER	INNER DIAMETER	PIN	LENGTH	FORM FACTOR	MALE/FEMALE INCLUDED IN T00 KIT	TIP COLOR	BUY NOW
T-K-11-S(R)	Philmore® 204/2049	3.5	1.3	-	11	STRAIGHT	Female	x	Blue <a href="#">BUY NOW</a>
T-EJ2-95-S(R)	Philmore® 240 plug	4	1.7	-	9.5	STRAIGHT	Female	Order Separately	Brown <a href="#">BUY NOW</a>
T-EJ3-95-S(R)	Philmore® 275 plug	4.75	1.7	-	9.5	STRAIGHT	Female	Order Separately	Red <a href="#">BUY NOW</a>
T-C-95-S(R)	Switchcraft® 722A	5.5	2.1	-	9.5	STRAIGHT	Female	Order Separately	Yellow <a href="#">BUY NOW</a>

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	Model No. GTM961200P12019-T2		
	Part No./Ordering No. TR9KZ6316T00-IM(R6B)		Rev C1

T-C-12-S(R)	Switchcraft® 722A	5.5	2.1 -	12 STRAIGHT	Female	x	Yellow	<a href="#">BUY NOW</a>
T-L-95-S(R)	Switchcraft® 712A	5.5	2.5 -	9.5 STRAIGHT	Female	Order Separately	Black	<a href="#">BUY NOW</a>
T-L-12-S(R)	Switchcraft® 712A	5.5	2.5 -	12 STRAIGHT	Female	x	Black	
T-EJ4-95-S(R)	Philmore® 255 plug	5.5	3.3 1	9.5 STRAIGHT	Female	Order Separately	Orange	<a href="#">BUY NOW</a>
T-EJ1-95-S(R)	Philmore® 235 plug	2.35	0.7	9.5 STRAIGHT	Female	Order Separately	Yellow	<a href="#">BUY NOW</a>
T-3.2-0.9-9.0-S(R)	CUI PP3-017/ PP-017	3.2	0.9	9 STRAIGHT	Female	Order Separately	Black	<a href="#">BUY NOW</a>
T-P-S-STER-14(R)	CUI SP-3501	3.5 -	Stereo	14 STRAIGHT	Male	Order Separately	-	<a href="#">BUY NOW</a>
T-P-S-MONO-14(R)	CUI MP3-3501	3.5 -	Mono	14 STRAIGHT	Male	Order Separately	-	<a href="#">BUY NOW</a>
T-S-S-MONO-11(R)	CUI MP3-2501	2.5 -	Mono	11 STRAIGHT	Male	Order Separately	-	<a href="#">BUY NOW</a>
T-S-S-STER-11(R)	CUI SP-25401	2.5 -	Stereo	11 STRAIGHT	Male	Order Separately	-	<a href="#">BUY NOW</a>
T-EJ5-115-S(R)	SCHURTER 4840.1230	6.5	1 1	11.5 STRAIGHT	Male	Order Separately	Black	<a href="#">BUY NOW</a>
T-USB-TYPE-C(R)	USBC	--	--	6.65 STRAIGHT	Male	Order Separately		<a href="#">BUY NOW</a>
T-L-LKWG-S(R)	KYCON KLDX-PA-0202-B-LT	5.5	2.5 --	9.5 STRAIGHT	Female	Order Separately	Black	<a href="#">BUY NOW</a>
T-C-S-LKWG-S(R)	KYCON KLDX-PA-0202-A-LT	5.5	2.1 --	9.5 STRAIGHT	Female	Order Separately	Black	<a href="#">BUY NOW</a>

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

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	Rev C1

OUTPUT CONNECTOR HOOK UP

TO ADDRESS SYSTEM-LEVEL EMI CONCERNS, FERRITE CHOKES/BEADS MAY BE ADDED/REVISED UPON REQUEST. A SAMPLE KIT OF GLOBTEK’S STANDARD FERRITES IS AVAILABLE UNDER GLOBTEK P/N: EMI-MITIGATION-KIT1

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



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	Rev C1


## 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)	50
LABEL HEIGHT (mm)	110
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.

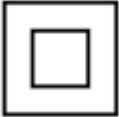



A=ICT / ITE / Medical Power Supply  
B=P/N: (料号) TR9KZ6316T00-IM(R6B)  
C=Model (型号) GTM961200P12019-T2  
D=Input (输入) 100-240V~, 50-60 Hz, 1.5 A  
E=Output (输出) 19.0 V  6.31 A, 120.00W

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	Rev C1

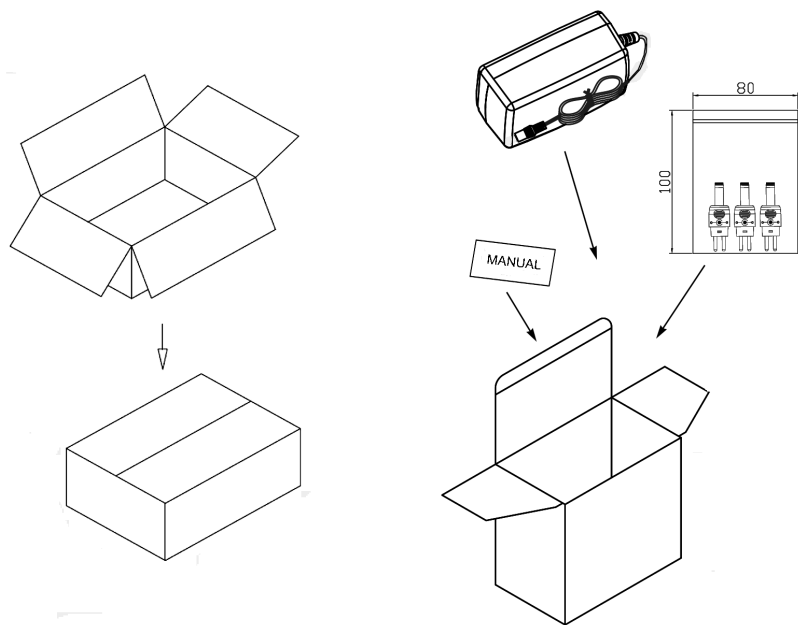
AGENCY ONLINE DOCUMENTS	<a href="http://www.globtek.info/certs/GTM961200P/">http://www.globtek.info/certs/GTM961200P/</a>
CE EC-Declaration for Medical	<a href="https://cs.globtek.info/ec_declaration_product?id=01ta0000007dRFs&amp;m=1">https://cs.globtek.info/ec_declaration_product?id=01ta0000007dRFs&amp;m=1</a>
CE EC-Declaration for Industrial/Commercial/ITE	<a href="https://cs.globtek.info/ec_declaration_product?id=01ta0000007dRFs&amp;i=2">https://cs.globtek.info/ec_declaration_product?id=01ta0000007dRFs&amp;i=2</a>
CE EC-Declaration for Household	Contact GlobTek for more information
UKCA-Declaration for Medical	<a href="https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dRFs&amp;m=1">https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dRFs&amp;m=1</a>
UKCA-Declaration for Industrial/Commercial/ITE	<a href="https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dRFs&amp;i=2">https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dRFs&amp;i=2</a>
UKCA-Declaration for Household	Contact GlobTek for more information
Morocco SDoC Declaration	<a href="https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000MmWwCEAV">https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000MmWwCEAV</a>
RoHS/RoHS3 Declaration	<a href="https://www.globtek.com/pdf/rohs_cert/01ta0000007dRFsAAM">https://www.globtek.com/pdf/rohs_cert/01ta0000007dRFsAAM</a>
REACH Declaration	<a href="https://www.globtek.com/pdf/iso_certificates/REACH.pdf">https://www.globtek.com/pdf/iso_certificates/REACH.pdf</a>
Conflict Minerals Declaration	<a href="https://www.globtek.com/pdf/conflict-minerals.pdf">https://www.globtek.com/pdf/conflict-minerals.pdf</a>
Prop 65 Statement	<a href="https://www.globtek.com/prop-65-statement.pdf">https://www.globtek.com/prop-65-statement.pdf</a>
IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.	
Regulatory Certifications/Label Markings	
Below follows a link to the latest regulatory certifications and marks for this specific product. National standards as well as certification schemes are constantly changing and so is the set of certification marks and symbols applicable to this product. Various standards, marks and symbols, and certificates are subject to change at any time without notice.	
Additional standards or unique country certifications are available upon request. Please contact Globtek to request a quotation.	
LATEST PRODUCT/MODEL CERTIFICATIONS: <a href="https://www.globtek.com/ds/Ftcjj8gkMK5/muoCp5izgph.html#datasheet">https://www.globtek.com/ds/Ftcjj8gkMK5/muoCp5izgph.html#datasheet</a>	
AGENCY ONLINE DOCUMENTS	<a href="http://www.globtek.info/certs/GTM961200P/">http://www.globtek.info/certs/GTM961200P/</a>
	(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: <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

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM961200P12019-T2, ICT / ITE / Medical Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8, , Output Rating: 120.00W, 19.0V@6.31A, 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, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/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 # C20764, Blades/Input Cord: Not Applicable, Approvals: Model No. GTM961200P12019-T2 Part No./Ordering No. TR9KZ6316T00-IM(R6B)
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PACKAGING

Packing Spec P/N	Packing for Wall plug model with T00 plug and manual
Packing Quantity/Multiple/MPQ	20
Gift Box Size (mm)	Egg Crate
Gift Box Color	White
Master Carton Size (mm)	427 x 405 x 158
Master Carton Cubic Volume (m³)	0.03
Master GW (Kg)	16.0 kg
BLADES INCLUDED	N/A: Not Applicable
BLADE/CORD INSTALLED	N/A: Not Applicable
USER MANUAL*	809-PSUQKITUSERMANUAL on A4 paper
USER MANUAL WEB LINK	<a href="https://www.globtek.com/pdf/809-PSUQKITUSERMANUAL.jpg">https://www.globtek.com/pdf/809-PSUQKITUSERMANUAL.jpg</a>

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



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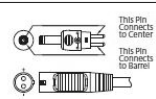
Model No. GTM961200P12019-T2

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Manual for T00-plug:

**GlobTek, Inc.**  
T-Tip Instructions  
• Color of tip indicates dimensions of barrel  
• Polarity is dependent on how tip is inserted in to T-base



PART NO	DIAMETER		LENGTH	TIP COLOR
	OUTER	INNER		
T-C-12-S(R)	5.5	2.1	12	YELLOW
T-L-12-S(R)	5.5	2.5	12	BLACK
T-K-11-S(R)	3.5	1.3	11	BLUE
T-EJ2-9S-S(R)	4.0	1.7	9.5	BROWN
T-EJ3-9S-S(R)	4.75	1.7	9.5	RED
T-EJ4-9S-S(R)	5.5	3.3	9.5	ORANGE
T-EJ1-9S-S(R)	2.35	0.7	9.5	YELLOW
T-EJ5-11S-S(R)	6.5	6.0	11.5	BLACK
T-P-S-STER-14(R)	3.5	-	14	-
T-P-S-MONO-14(R)	3.5	-	14	-
T-S-S-MONO-11(R)	2.5	-	11	-
T-S-S-STER-11(R)	2.5	-	11	-

90mm+0/-0.2

80mm+0/-0.2

正面/SHEET A

Plugs can only be inserted one time

Molded options available upon request

90mm+0/-0.2

80mm+0/-0.2

反面/SHEET B

字体/字号  
Arial Bold/18pt

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Model No. GTM961200P12019-T2					
Part No./Ordering No. TR9KZ6316T00-IM(R6B)	Rev C1				

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.

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INSTRUCTION SHEET

N/A

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## TERMS AND CONDITIONS

THESE TERMS AND CONDITIONS GOVERN THE SALE OF ALL PRODUCTS AND SERVICES ("PRODUCTS") BY GlobTek, Inc. ("GlobTek") AND APPLY NOTWITHSTANDING ANY CONFLICTING, CONTRARY OR ADDITIONAL TERMS AND CONDITIONS IN ANY PURCHASE ORDER OR OTHER DOCUMENT OR COMMUNICATION ("PURCHASE ORDER") FROM BUYER. THESE TERMS AND CONDITIONS MAY ONLY BE WAIVED OR MODIFIED IN A WRITTEN AGREEMENT SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE SELLER. NEITHER SELLER'S ACKNOWLEDGEMENT OF A PURCHASE ORDER NOR SELLER'S FAILURE TO OBJECT TO CONFLICTING, CONTRARY OR ADDITIONAL TERMS AND CONDITIONS IN A PURCHASE ORDER SHALL BE DEEMED AN ACCEPTANCE OF SUCH TERMS AND CONDITIONS OR A WAIVER OF THE PROVISIONS HEREOF.

### ORDERS:

1. Buyer must issue a Purchase Order or otherwise place an order by means acceptable to GlobTek. Orders shall identify the Products, unit quantities, part numbers, descriptions, applicable prices, ship to address and requested delivery dates. All orders are subject to acceptance by GlobTek. No order may be cancelled or rescheduled without GlobTek's consent. Consent may be given by GlobTek in its sole discretion. GlobTek reserves the right to add a Rescheduling Fee should Seller deem applicable. Seller reserves the right to allocate sales of Products among its customers in its sole discretion.

### RESTOCKING TERMS:

1. Returning of stock items only: All claims must be made within ten (10) days of receipt of goods. GlobTek must authorize all returns. No return of product will be accepted without GlobTek's Return Merchandise Authorization (RMA) number. All authorized returns will be subject to a minimum of 25% restocking charge\* and buyer must pay return freight to GlobTek. Parts must be in original condition and packaging.
2. \*Custom items and/or dedicated production lots are not returnable.

### RETURNED MERCHANDISE:

1. Replacement or credit will not be allowed for products returned without prior consent. No return of product will be accepted without a GlobTek RMA number. RMA requests for all goods that are found to be not in compliance with Seller's specifications shall be made according to Seller's RMA procedure within thirty (30) days of invoice/shipment date and may be replaced, repaired, or credited at GlobTek's option. All RMA claims reported more than thirty (30) days after the invoice/shipment date are not eligible for return, replacement or credit at subject to GlobTek's Terms and Conditions. GlobTek will not issue credit if the Product has been altered, repaired, or opened by persons other than those authorized by GlobTek, become defective due to acts of God or negligence, become defective due to being subjected to abnormal conditions during installation, application or maintenance or if warranty has expired. Acceptance of Buyer's debit will not be made until material has been received and evaluated by the GlobTek. To determine the "Root Cause of Failure", the product may be destroyed during evaluation. If this occurs all of the above Terms and Conditions will remain in effect. All freight costs for returns, both from customer back to GlobTek and GlobTek back to customer will not be borne by GlobTek. GlobTek requires all goods to be returned freight, duty, and taxes prepaid to the location provided in the RMA authorization notification and repaired or replaced goods will be provided

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on an EX WORKS return location. GlobTek shall not be responsible, under any circumstances, for any rework or modification fee's or costs not previously authorized in writing by GlobTek. If returned goods do not match the quantity or descriptions provided in the RMA application, any non conforming goods will not be qualified for repair, return, or replacement. Goods with illegible date code/serial # information may not be eligible for repair, return, replacement

## PRICES/TAXES/TARIFFS:

- Prices shall be as specified by Seller and shall be applicable for the period specified in GlobTek's quote. If no period is specified, prices shall be applicable for thirty (30) days. Notwithstanding the foregoing, prices shall be subject to increase in the event of an increase in GlobTek's costs or other circumstances beyond GlobTek's reasonable control. Prices are exclusive of taxes, impositions, tariffs, fees, and other charges, including, without limitation, sales, use, excise, value added, and ad valorem taxes, as well as tariffs of all types (including any tariffs imposed pursuant to any Section 301 Action by the United States Trade Representative) and similar taxes, fees, imposts, or charges of whatsoever kind, imposed now or in the future by any foreign or domestic governmental authority, international shipping charges, forwarding agent's and broker's fees, consular fees, document fees and import duties. If GlobTek shall be liable to collect and/or pay, or if the GlobTek shall pay, any of the foregoing, Buyer shall pay same to GlobTek in addition to the price of the Products.

## TERMS OF PAYMENT:

- Payment shall be net thirty (30) days from date of invoice or as otherwise specified by GlobTek. Buyer agrees to pay the entire net amount of each invoice from Seller pursuant to the terms of each such invoice without offset or deduction. Orders are subject to credit approval by GlobTek, which may in its sole discretion at any time change the terms of Buyer's credit, require payment in cash, bank wire transfer, or by official bank check and/or require payment of any or all amounts due or to become due for Buyer's order before shipment of any or any of the Products. If GlobTek believes in good faith that Buyer's ability to make payments may be impaired or if Buyer shall fail to pay any invoice when due, GlobTek may suspend delivery of any order or any remaining balance thereof until such payment is made or cancel any order or any remaining balance thereof, and Buyer shall remain liable to pay for any Products already shipped and all Products ordered by Buyer. Buyer agrees to submit such financial information from time to time as may be reasonably requested by GlobTek for the establishment and/or continuation of credit terms. Checks are accepted subject to collection and the date of collection shall be deemed the date of payment. Any check received from Buyer may be applied by GlobTek against any obligation owing from Buyer to GlobTek, regardless of any statement appearing on or referring to such check, without discharging Buyer's liability for any additional amounts owing from Buyer to GlobTek, and the acceptance by GlobTek of such check shall not constitute a waiver of GlobTek's right to pursue the collection of any remaining balance. Buyer shall pay interest on any invoice not paid when due according to the due date at the rate of eighteen (18%) percent annually or the highest rate allowable by law. If Buyer fails to make payment when due, GlobTek may pursue any legal or equitable remedies, in which event GlobTek shall be entitled to reimbursement for costs of collection and reasonable attorneys fees.

## REFUSED OR DAMAGED SHIPMENTS:

- All products returned to GlobTek due to refusal of acceptance by buyer, without GlobTek authorization, will be subject to minimum of 25% restocking charge\* and buyer must pay return freight to GlobTek. Parts must be in original condition and packaging. Seller takes extra precautions to insure that shipments are made under the Highest Quality Standards. In the event a



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shipment is received in damaged condition, Buyer shall contact the carrier to submit claim, keep Products in original boxes pending carrier's inspection and place a replacement order with the Seller.

2. \*Custom items and/or dedicated production lots are not returnable.

## TECHNICAL ADVICE AND DATA:

1. Any technical advice offered or given in connection with the use of any goods is an accommodation to Buyer without charge and GlobTek shall have no responsibility or liability whatsoever for the content or use of such advice. Without GlobTek's prior written consent, Buyer shall not use, duplicate or disclose any technical data delivered or disclosed by GlobTek to Buyer for any purposes other than for installation, operation or maintenance of goods purchased by Buyer. Any use made of GlobTek classifications, whether it be ECCNs or any variation of Harmonized Tariff codes, is without recourse to GlobTek and at the user's risk. Export classifications are subject to change. If you export or re-export, your company, as the exporter of record, is responsible for determining the correct classification of any item at the time of export. Any export classification by GlobTek is for GlobTek's internal use only and shall not be construed as a representation or warranty regarding the proper export classification nor relied upon to make licensing determinations.

## Tariff Surcharge – Section 301 and Related Import Duties

GlobTek, Inc. hereby notifies all customers that a tariff surcharge fee is applied to cover import duties and tariffs, including but not limited to those imposed under Section 301 of the U.S. Trade Act of 1974, affecting Chinese-origin goods imported into the United States between 2018 and 2025.

Customers receiving delivery from U.S.-based shipping points were and are informed of the tariff surcharge:

- At the time of quotation;
- During order entry; and
- Through routine updates issued during the order process.

Due to the volatility of tariff rates and ongoing changes in U.S. trade policy, GlobTek reserves the right to adjust the tariff surcharge fee:

- To match the current applicable tariff rates, or
- To reflect the maximum applicable tariff rate assessed on the product(s) in question, depending on the date of importation into the U.S.

By placing an order with GlobTek for goods that are produced in china built to order and imported from China, the customer expressly acknowledges and agrees to pay the applicable tariff surcharge fee. This surcharge is non-negotiable and is considered a part of the total purchase price for applicable transactions.

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## FORCE MAJEURE:

1. GlobTek shall not be liable for failure to fulfill the obligations herein or for delays in delivery due to causes beyond its reasonable control, including, but not limited to, acts of God, natural disasters, acts or omissions of other parties acts or omissions of civil or military authority, Government priorities, changes in law, material shortages, fire, strikes, floods, epidemics, quarantine restrictions, riots, war, acts of terrorism, delays in transportation or inability to obtain labor or materials through its regular sources. GlobTek's time for performance of any such obligation shall be extended for the time period of such delay or GlobTek may, at its option cancel any order or remaining part thereof without liability, advising in writing notice of such cancellation to Buyer.

## LIMITATION OF LIABILITIES:

1. BUYER SHALL NOT IN ANY EVENT BE ENTITLED TO, AND SELLER SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE INCLUDING, WITHOUT LIMITATION BUSINESS INTERRUPTION COSTS, REMOVAL AND/OR REINSTALLATION COSTS, REPROCUREMENT COSTS, LOSS OF PROFIT OR REVENUE, LOSS OF DATA, PROMOTIONAL OR MANUFACTURING EXPENSES, OVERHEAD, INJURY TO REPUTATION OR LOSS OF CUSTOMERS, EVEN IF GLOBTEK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BUYER'S RECOVERY FROM SELLER FOR ANY CLAIM SHALL NOT EXCEED BUYER'S PURCHASE PRICE FOR THE PRODUCT GIVING RISE SUCH CLAIM IRRESPECTIVE OF THE NATURE OF THE CLAIM, WHETHER IN CONTRACT, TORT, WARRANTY OR OTHERWISE. GLOBTEK SHALL NOT BE LIABLE FOR AND BUYER SHALL INDEMNIFY, DEFEND AND HOLD GLOBTEK HARMLESS FROM ANY CLAIMS BASED ON GLOBTEK'S COMPLIANCE WITH BUYER'S DESIGNS, SPECIFICATIONS OR INSTRUCTIONS, OR MODIFICATION OF ANY PRODUCTS BY PARTIES OTHER THAN SELLER, OR USE IN COMBINATION WITH OTHER PRODUCTS. GLOBTEK INC. WILL NOT BE LIABLE FOR THE SAFETY AND PERFORMANCE OF THESE PRODUCTS IF UNAUTHORIZED USE, ACCESS AND/OR REPAIR. END USER SHOULD CONSULT APPLICABLE UL, CSA OR EN STANDARDS FOR PROPER INSTALLATION INSTRUCTIONS. GLOBTEK PRODUCTS 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 GLOBTEK SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

## GENERAL:

1. As used herein, terms appearing in the singular shall include the plural and terms appearing in the plural shall include singular. No rights, duties, agreements or obligations hereunder may be assigned or transferred by either party, by operation of law, merger or otherwise, without the prior written consent of the other. Any attempted or purported assignment shall be void. Notwithstanding the foregoing, GlobTek's obligations under these Terms and Conditions may be performed by divisions, subsidiaries or affiliates of GlobTek. The obligations, rights, terms and conditions hereof shall be binding on the parties hereto and their respective successors and assigns. The waiver of any provision hereof or of any breach or default hereunder shall not be deemed a waiver of any other provision hereof or breach or default hereunder. Any provision hereof which is prohibited or

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM961200P12019-T2, ICT / ITE / Medical Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C8, , Output Rating: 120.00W, 19.0V@6.31A, 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, Output Configuration: 1200 mm, 16 (Large ground 40/0.20) OD:4.3mm/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 # C20764, Blades/Input Cord: Not Applicable, Approvals:
	Model No. GTM961200P12019-T2
	Part No./Ordering No. TR9KZ6316T00-IM(R6B)
	Rev C1

unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof in that jurisdiction or affecting the validity or enforceability of such provision in any other jurisdiction. These Terms and Conditions shall be governed by and construed in accordance with the laws of the State of New Jersey, United States, excluding any law or principle, which would apply the law of any other jurisdiction. The United Nations Convention on contracts for the International Sale of Goods shall not apply to these Terms.

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