GlobTek, Inc. www.globtek.com 186 Veterans Drive,	Drawing Title: GTM961800P18019-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V-, 50-60Hz, IEC 60320/C14, Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shield Cond, UL 1185, 4 Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Separately), Approvals:		
Northvale, NJ 07647 Tel. (201) 784-1000	Model No. GTM961800P18019-T3		
Fax (201) 784-0111	Part No./Ordering No. TR9CZ9470YL4IMR6B	Rev B	

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

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

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

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

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

Footnote:

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

Limitation of Use:

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

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

Customer Approval of Specification:

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

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

G	lobTek, Inc.
w	ww.globtek.com
18	86 Veterans Drive,
Ν	orthvale, NJ 07647
Т	orthvale, NJ 07647 el. (201) 784-1000
F	ax (201) 784-0111

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Model No. GTM961800P18019-T3

Part No./Ordering No. TR9CZ9470YL4IMR6B

Rev B

REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
В	Update O/P cord to UL1185 14AWG (from YL4/C21419 to YL4/C21421)	QA	12/18/2018	QA
Α	Initial release	QA	06/04/2018	QA

POWER SUPPLY INFORMATION

TYPE	Desktop/External	
TECHNOLOGY	Regulated Switchmode AC-DC Power Supply AC Adaptor	
CASE COLOR	GlobTek Black	
NAMEPLATE RATED INPUT	100-240V~, 50-60Hz, 2.2A	
INPUT CONFIG	IEC 60320/C14	
WATTS	180.00	
VOLTS OUT	19.0	
CURRENT OUT (Amps)	9.47	
BLADE/CORD INCLUDED	None (Order Separately)	
BLADE/CORD INSTALLED	None (Order Separately)	
INGRESS PROTECTION	IP20	
GROUNDING CONFIGURATION	(F2) Floating output, functional earth to center of pri-sec brid	dging capacitors
EFFICIENCY LEVEL	USA DOE Level VI / Eco-design Directive 2009/125/EC, (El	U) 2019/1782
OUTPUT CONFIGURATION	1200 mm, 14/1C + Shield Cond, UL 1185, 4 Pin Locking Ky Black, GT Cord # C21421	con or Equal, Ferrite: None, GlobTek
OVERMOLDED	Yes	
OUTPUT CONNECTOR GENDER	Male	
CONNECTOR PIN OUT	Pin 2,4: +V, Pin 1,3, Shell: -V	
LABEL SPECS	Standard GT,L-1186	
SPECIAL BARCODE LABEL MATERIAL	No	
PACK SPEC	Standard DT, Cellular packaging, User manual	
USER MANUAL	809-DESKTOPUSERMANUAL on A4 paper	

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	Model No. GTM961800P18019-T3		
	Part No./Ordering No. TR9CZ9470YL4IMR6B	Rev B	

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

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Model No. GTM961800P18019-T3

Part No./Ordering No. TR9CZ9470YL4IMR6B

Rev B

ELECTRICAL SPECIFICATIONS	3
Input	
Input Voltage:	Specified: 90-264VAC, Nameplate: 100-240VAC 100% rated load current for 90-264VAC
	90% rated load current for 85-264VAC
Input Frequency:	Specified: 47-63Hz, Nameplate: 50-60Hz
Power Factor:	0.90 (min.) @ 230VAC, 0.97 (min.) @ 115VAC
No Load Input Power:	<150mW @ 230VAC (EU CoC Tier 2 compliant)
Inrush Current:	30A/60A max. (cold start @ 115V/230VAC)
Efficiency:	DoE Level VI and EU CoC Tier 2 compliant
Output	
Turn-on Delay:	1 second typ. @ 115VAC and full load
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)
Turn-On Overshoot:	5% max.
Transient Response:	5% max. deviation, 1ms recovery time (with 25% to 50% load step)
Hold-up Time:	20ms min.
Switching Frequency:	25 - 125KHz, depending on model and load condition
Power Indicator:	Green LED
Protections	
Input Protection:	MOV transient suppressor, dual input line fusing
Over-Current Protection:	105 - 140% of rated output current, auto-restart
Short-Circuit Protection:	Auto-restart
Over-Voltage Protection:	110 - 135% (60V max. for output voltage ≥ 45V), 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)
Storage Temperature:	-30°C to 80°C
Humidity:	0% to 95% relative humidity, non-condensing
Altitude:	5000m

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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:	Standard models (No suffix): Class I: 20μA max. Class II: 70μA max. Class II with Functional Earth (F2): 20μA max.
	Low-leakage models (-CF suffix): Class II with Functional Earth (F2): 10µA max.
Note 2:	Standard models are designed for use in Type-B/BF medical applications. Low-leakage models are designed for use in Type-CF medical applications. (See IEC60601-1, Clause 16.6.1)
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 PSU Isolation and Identity.
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 80-2700MHz, 80% 1KHz AM
EFT/Burst Immunity:	EN61000-4-4, 4KV/100kHz.
Line Surge Immunity:	EN61000-4-5, 2KV differential, 4KV common-mode

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EN61000-4-6, 3VRMS, 80% 1KHz AM	
EN61000-4-8, 3A/m	
EN61000-4-11	
High impact plastic, 94V0 polycarbonate, non-vented	
176.5 * 74.0 * 40.0mm (±1.0mm)	
Desktop: C6, C7, C14, or C18 inlet	
Label and/or pad printed and/or laser-etched into case	
	EN61000-4-8, 3A/m EN61000-4-11 High impact plastic, 94V0 polycarbonate, non-vented 176.5 * 74.0 * 40.0mm (±1.0mm) Desktop: C6, C7, C14, or C18 inlet

Special Options

- 1. Custom cordsets, cord types, and connector types
- 2. Custom markings
- 3. Custom housing and cordset colors
- 4. Constant current/constant voltage (CC/CV) output behavior, with compliance voltage between (75% * Vout) and (100% * Vout)
- 5. Short term output surge power capability, for motor applications and short term intermittent high power applications. (Up to 300W for 1
- 6. IEC61000-3-2 Class C line harmonics for LED lighting applications
- 7. "Back EMF" upgrade, for motor loads and other high inductance applications with reverse energy flow requirements
- 8. Reduced touch/leakage current for IEC60601-1 Type-CF applications. (Available in models with -CF suffix.)
- 9. High reliability PCB laminate with plated through-holes for IPC610 Class 2 compliance
- 10. Tightened output voltage tolerance
- 11. Reduced output ripple level
- 12. Reduced output power rating
- 13. Improved ingress protection (IP) rating

Output Connectors

- Several output connector options are available with various output current ratings. GlobTek can supply 10A rated 2.1mm and 2.5mm style DC Power Jacks, to complement our 10A output rated 2.1mm and 2.5mm DC power plugs used on our output cordsets.
- Please visit our real-time listing of mating connector product offering: https://en.globtek.com/news/high-current-coaxial-barrel-plug-jacks-for-high-wattage-power-supplies

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

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Northvale, NJ 07647 Tel. (201) 784-1000	Model No. GTM961800P18019-T3		
Fax (201) 784-0111	Part No./Ordering No. TR9CZ9470YL4IMR6B	Rev B	

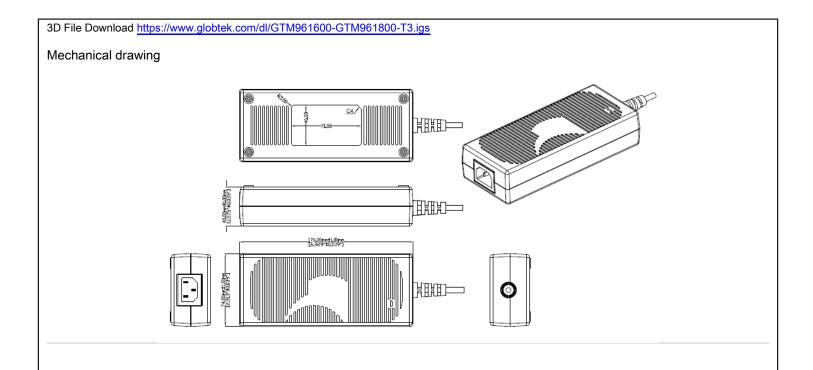
INGRESS PROTECTION: IP20	

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Product Image	
Web Overview	
https://www.globtek.com/_0/TR9CZ9470YL4IMR6B/o	

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Model No. GTM961800P18019-T3

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Rev B

DERATING CURVE TYPICAL EXTERNAL POWER SUPPLY **DERATING CURVE** (FOR EFFICIENCY LEVEL V AND EFFICIENCY LEVEL VI PRODUCTS) 108-264Vac OUTPUT 100% Extended POWER LEVEL Temperature Capability 80% TYPICAL STATED SPEC SHEET TEMPERATURE RANGE

AMBIENT TEMPERATURE °C

Blue Line represents special/optional Low Temperature,

High Performance Construction

50

60

70

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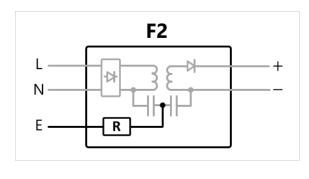
Model No. GTM961800P18019-T3

Part No./Ordering No. TR9CZ9470YL4IMR6B

Rev B

INPUT CONFIGURATION

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



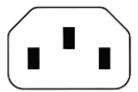
Alternate grounding configurations available upon request.

Blades/Cord Included:None(Order Separately)

Blades/Cord Installed:None(Order Separately)

T3 Inlet (IEC 60320/C14)

IEC 60320/C14 AC Inlet Connector, Class I, Earth Ground



Mates with IEC 60320/C13 Plug

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



Standard International IEC 320/C13 Cordsets

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

Stock Power Supply Cords

Part Number/ Link	Country	Plug	Termination	Length (mm)	(Ft)
			IEC		

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3021457F701(R)	N. American (Type B)	NEMA 5-15P	320/C13	2150	- 7
1191068F0701(R)	N. American (Type B)	NEMA 5-15P Hospital	IEC 320/C13	2459	8
2194272M5701-T(R)	Argentina (Type I)	IRAM 2073	IEC 320/C13	2500	ł
5502022M5701A(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C13	2500	l
204B4272M5701(R)	Brazil (Type N)	BRAZIL	IEC 320/C13	2500	
6023602M5701(R)	China (Type I)	CCC GR2099	IEC 320/C13	2500	
G8014272M5701(R)	Danish (Type K)	AFSNIT SECTION 107-2-D1	IEC 320/C13	2500	
23144272M5701-T(R)	Europe (Type E)	CEE 7/7	IEC 320/C13	2500	
23134272M5701EUKR(R)	Europe/Korea Combo (Type E)	CEE 7/7 / KSC8305	IEC 320/C13	2500	
205IN4272M5701(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	
208IN4272M5701(R)	India (Type M)	India IS 1293 (also known as IA16A3 or BS546)	IEC320/C1	3 2500	
377C4272M5701(R)	Israel (Type H)	ISL 377C	IEC 320/C13	2500	
23024272M5701(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C13	2500	
3003339F701(R) 3x1.25mm2] 3003068F2701-HK(R) 3 x 2.0mm2]	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C13	2500	
302J115J6F0701J(R)	North America / Japan (Type B – 12A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	
302J104J6F0701J(R)	North America / Japan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	
302JT104J9F0701JT(R)	North America / Japan / Taiwan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved), Taiwan CNS 6797 (BSMI Approved)	IEC 320/C13	2800	
2313K3432M5701(R)	Korea (Type F)	KS C 8305	IEC 320/C13	2500	
5804272M5701(R)	Russia (Type F)	GOST 7396	IEC 320/C13	2500	
2084272M5701(R)	South Africa (Type M)	South Africa SABS164-1 (16A type)	IEC 320/C13	2500	
23214272M5701(R)	Switzerland (Type J)	SEV 1011	IEC 320/C13	2500	
3003322M5701(R)	Taiwan (Type B)	BSMI	IEC 320/C13	2500	
6363762M5701(R)	Thailand (Type O)	TIS 166-2549	IEC 320/C13	2500	
PZ0800100-2M5BK13H(R	UK, Hong Kong,Singapore, Gulf States (Type G)	BS 1363A	IEC 320/C13	2500	
7055002M5701A(R)	International	IEC 320 C14-C13	IEC 320/C13	2500	

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Model No. GTM961800P18019-T3

Part No./Ordering No. TR9CZ9470YL4IMR6B

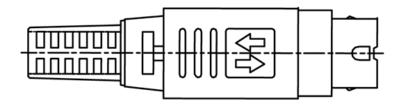
Rev B

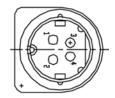
OUTPUT CORD AND CONNECTOR:

YL4/C21421

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

CABLE TYPE	UL 1185
CABLE LENGTH (mm)	1200
CABLE TOLERANCE (mm)	+100, -0
WIRE GAUGE (AWG)	14
CONDUCTORS	1C + Shield
HANK DIMENSION (mm)	120 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE AND DIMENSION	None
FERRITE NUMBER OF TURNS (Definition)	N/A
FERRITE DIMENSION FROM STRAIN RELIE	F N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	4 Pin Locking Kycon or Equal
OUTPUT CONNECTOR GENDER	Male
OVERMOLDED	Yes
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT	Pin 2,4: +V, Pin 1,3, Shell: -V





Please visit https://en.globtek.com/news/power-din-locking-connector-cable-assemblies-and-accessories for Power Din connector mating jacks (Sheilded and unsheilded), inline mating plugs, and extension cables in various custom and standard lengths available from stock in both black and white.

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/PtqjjL

Tel. (201) 784-1000	GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northyale, NJ 07647	Drawing Title: GTM961800P18019-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60Hz, IEC 60320/C14, , Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shield Cond, UL 1185, 4 Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Separately), Approvals:		
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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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LABEL:L-1186	
LABEL P/N	Standard GT
MATERIAL	Flat Thermal Transfer, Imprintable, Polyester Label and/or Pad Printed and/or Molded, and/or Laser Engraved in the case
BACKGROUND COLOR	Black if housing is Black, White or Silver if housing is White or Gray.
TEXT COLOR	White or Silver if label is Black Background for Black housing. Black if label is White or Silver background and Housing is White or Gray.
LABEL WIDTH (mm)	41
LABEL HEIGHT (mm)	71
SPECIAL BARCODE LABEL MATERIAL	No

Below is the minimum information which will appear on the label. NOTE: in the logo area additional/actual positioning of symbols and text is subjected to change as per agency updates/requirements or additional model approvals become available.

Regulatory certifications/label markings may be in logo area on the label or molded into the case housing outside the label area.

Information will be shown via label and/or pad printed and/or molded and/or laser engraved in the case. * Date code markings at GlobTek option



A=Medical/ICT/ITE/Household use Power Supply

B=P/N: (料号) TR9CZ9470YL4IMR6B C=Model (型号) GTM961800P18019-T3 D=Input (输入)100-240V~, 50-60Hz, 2.2A E=Output (输出)19.0 V == 9.47 A, 180.00W

Drawing Title: GTM961800P18019-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60Hz, IEC 60320/C14, , Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shield Cond, UL 1185, 4 Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Separately), Approvals:

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AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GTM961800P/
CE EC-Declaration for Medical	https://cs.globtek.info/ec_declaration_product?id=01t0c000008Ooj8&m=1
CE EC-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ec_declaration_product?id=01t0c000008Ooj8&i=2
CE EC-Declaration for Household	https://cs.globtek.info/ec_declaration_product?id=01t0c000008Ooj8&h=2
UKCA-Declaration for Medical	https://cs.globtek.info/ukca_declaration_product?id=01t0c000008Ooj8&m=1
UKCA-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ukca_declaration_product?id=01t0c000008Ooj8&i=2
UKCA-Declaration for Household	https://cs.globtek.info/ukca_declaration_product?id=01t0c000008Ooj8&h=2
Morocco SDoC Declaration	https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0O0c0000000ld6SEAR
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t0c000008Ooj8AAC
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://www.globtek.com/prop-65-statement.pdf

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/FPqwm5LTzun/QZKpD7KaFKB.html#datasheet AGENCY ONLINE DOCUMENTS http://www.globtek.info/certs/GTM961800P/



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

Front View



Pin 2,4: +V, Pin 1,3, Shell: -V

GlobTek, Inc.
www.globtek.com
186 Veterans Drive,
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Fax (201) 784-0111

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Model No. GTM961800P18019-T3

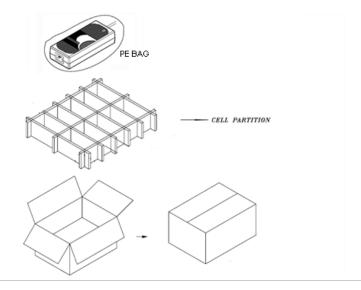
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PACKAGING	
Packing Spec P/N	Standard DT, Cellular packaging, User manual
Packing Quantity/Multiple/MPQ	20
Gift Box Size (mm)	Cellular Packaging
Gift Box Color	None
Master Carton Size (mm)	450 x 461 x 182
Master Carton Cubic Volume (m³)	0.04
Master GW (Kg)	16.0 kg
BLADES INCLUDED	None: (Order Separately)
BLADE/CORD INSTALLED	None: (Order Separately)
USER MANUAL*	809-DESKTOPUSERMANUAL on A4 paper
USER MANUAL WEB LINK	https://www.globtek.com/pdf/809-DESKTOPUSERMANUAL.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.

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.



www.globtek.com 186 Veterans Drive, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Su IEC 60320/C14, Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Config Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Sepa	Drawing Title: GTM961800P18019-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Direc (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: IEC 60320/C14, , Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shi Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Separately), Approvals:	100-240V~, 50-60Hz,
Northvale, NJ 07647 Tel. (201) 784-1000	Model No. GTM961800P18019-T3	
Fax (201) 784-0111	Part No./Ordering No. TR9CZ9470YL4IMR6B	Rev B

INSTRUCTIONS TO THE OEM SYSTEMS ENGINEER

It is the responsibility of the OEM systems engineer to provide the end system user instructions and warnings for the use of this product in the end system.

If an input cord is required for this product, AC Mains voltage should be provided to the power supply by a power supply cord approved to the national standards of the country in which it will be used.

This product is not designed to be repaired. No serviceable parts inside. A blown internal fuse is an indication of catastrophic failure of circuit component(s). If a Failure Analysis is required for a failed power supply/battery charger, please return the damaged unit to GlobTek for an accurate determination of the root cause of the failure.

EMC Compliance of the complete OEM product, including the GlobTek power supply/battery charger needs to be verified by the OEM systems engineer.

Tel. (201) 784-1000	GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647	(EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-24 IEC 60320/C14, Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shield Color Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Separately), Approvals:	100-240V~, 50-60Hz,
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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:

1. 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:

1. 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:

1. 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:

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Drawing Title: GTM961800P18019-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60Hz, IEC 60320/C14, Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shield Cond, UL 1185, 4 Pin Locking Kycon or Equal. Ferrite: None. GlobTek Black. GT Cord # C21421. Blades/Input Cord: (Order Separately). Approvals:

Model No. GTM961800P18019-T3

Part No./Ordering No. TR9CZ9470YL4IMR6B

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www.globtek.com 186 Veterans Drive, Northyale, N. I. 07647	Drawing Title: GTM961800P18019-T3, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Direct (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: IEC 60320/C14, Output Rating: 180.00W, 19.0V@9.47A, Pin Out: Pin 2,4: +V, Pin 1,3, Shell: -V, Output Configuration: 1200 mm, 14/1C + Shi Pin Locking Kycon or Equal, Ferrite: None, GlobTek Black, GT Cord # C21421, Blades/Input Cord: (Order Separately), Approvals: Model No. GTM961800P18019-T3	100-240V~, 50-60Hz,
Tel. (201) 784-1000 Fax (201) 784-0111	Part No./Ordering No. TR9CZ9470YL4IMR6B	Rev B

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