

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

## REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
C	Update RoHS 2 to RoHS,GOST to EAC, UKRSepro, CQC-PSE to TUV-PSE. Add CCC,RCM,BIS.	QA	11/13/2018	QA
B	Add UL1310 warning label; Add Level V efficiency marking; Add "POWER SUPPLY / CLASS 2 POWER SUPPLY" marking to label.	bsiep	02/20/2014	QA
A	INITIAL RELEASE	bsiep	06/12/2013	ES

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/>

### 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:

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, which supersede all other agreements, terms, and conditions (<https://en.globtek.com/terms-and-conditions/>).

### Footnote:

GlobTek Inc. will not be liable for the safety and performance of these power supplies 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.

**RELEASED**

*By N.Frost at 11:26 am, Nov 15, 2018*

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

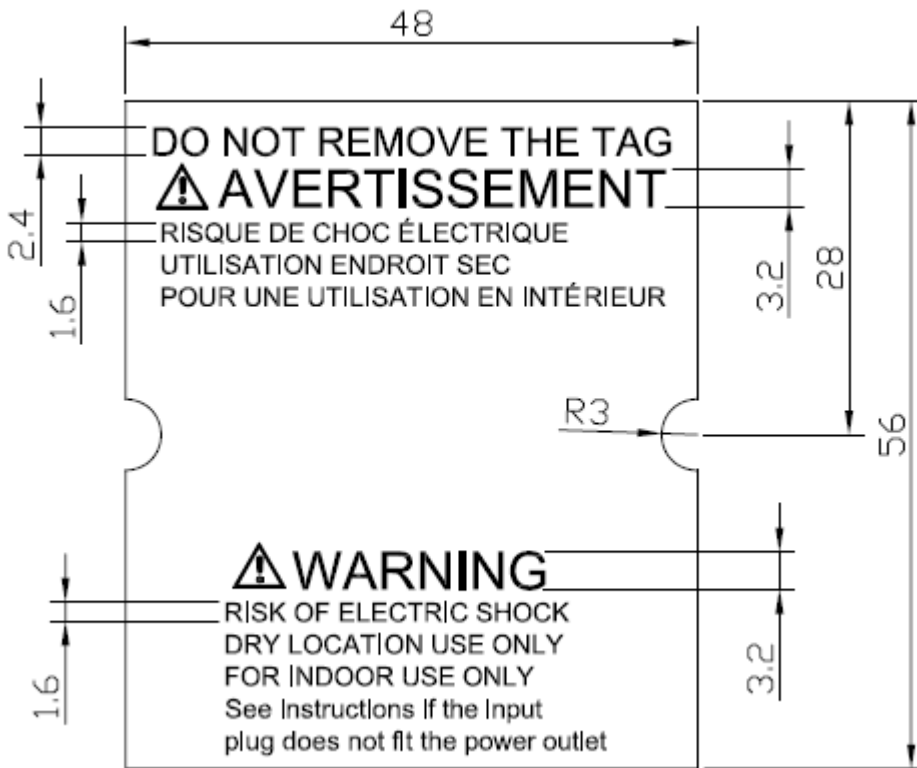
## POWER SUPPLY INFORMATION

TYPE:	Wall Plug-in
TECHNOLOGY:	Regulated Switchmode AC-DC Power Supply AC Adaptor
CASE COLOR:	GlobTek Black
NAMEPLATE RATED INPUT:	100-240V~, 50-60 Hz, 0.6 A
INPUT CONFIG:	Interchangeable Blades
WATTS:	18.0
VOLTS OUT:	12
CURRENT OUT (Amps):	1.5
BLADE/CORD INCLUDED:	None: (Order Separately)
BLADE/CORD INSTALLED:	None: (Order Separately)
INGRESS PROTECTION	IP52
GROUNDING CONFIGURATION	(F1) Class II / Double Insulated
EFFICIENCY LEVEL:	V
OUTPUT CONFIGURATION	1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376
OVERMOLDED	Yes
OUTPUT CONNECTOR SEX	
CONNECTOR PIN OUT:	Center Positive (+V)
LABEL SPECS:	Standard GT,L-1186
PACK SPEC:	Standard WPI, Individually Box

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

Neumueller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

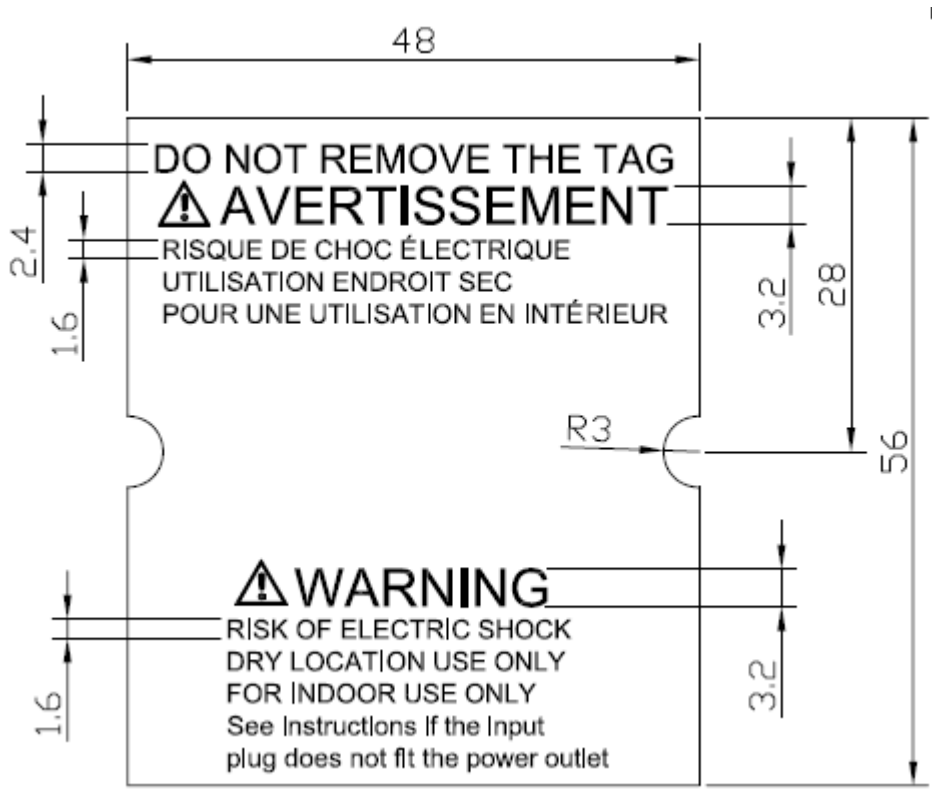
UL1310 warning label affixed to output cable 100 +/- 25mm from enclosure housing.



Neumueller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	Part No./Ordering No. WR9QE1500LCPNHM(RVB)
		Rev C

[RFP OP73206RFP1248](#)

UL1310 warning label affixed to output cable 100 +/- 25mm from enclosure housing.



DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

## ELECTRICAL SPECIFICATIONS

### A) ELECTRICAL SPECIFICATIONS:

01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Output Regulation: +/- 5% measured at the output connector\*
04. Line Voltage Regulation: +/- 1% typical measured at full load
05. Output Ripple (Vp-p): +/-1% or 150 mV whichever is greater, measured at 20 MHz bandwidth with 0.1 uf ceramic capacitor in parallel with 10 uf electrolytic capacitor connected at the end of the output connector at nominal line
06. Turn-ON/OFF Overshoot: 5% maximum, 1 mS typical recovery time for 25% to 50% step load
07. Turn-ON Delay: 3000 mS, maximum @ full load, nominal line
08. Hold-Up Time: 8 mS typical @ nominal input voltage and full load
09. Inrush Current: 30A maximum cold start @ 240Vac input
10. Switching Frequency: 65 KHz typical
11. Efficiency: Compliant with Worldwide Level V standards.
12. No Load Standby Power: <0.3 W

### B) PROTECTION

01. Over-Voltage: Electronically Protected Zener clamp across the output
02. Short Circuit: Electronically Protected unit will auto recover upon removal of fault
04. Input Protection: Input line and neutral fusing

### C) SAFETY

01. Dielectric Withstand Voltage: 5656Vdc from primary to secondary
02. Earth Leakage Current: N/A for Class II units, there is no PE Ground pin, so Earth Leakage current is not measured
03. Touch Current: Maximum allowed values: 100uA NC(Normal condition) 500uA SFC(single fault condition)
04. Means of Protection: 2 x MOPP
05. Primary to Secondary Bridging Capacitor: (2) \* Y1 type capacitors in series

### D) OTHER:

01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 40°C ambient temperature
03. Humidity: 0% to 90% relative humidity
04. Storage Temperature: -10°C to 80°C
05. Cooling: Convection
06. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

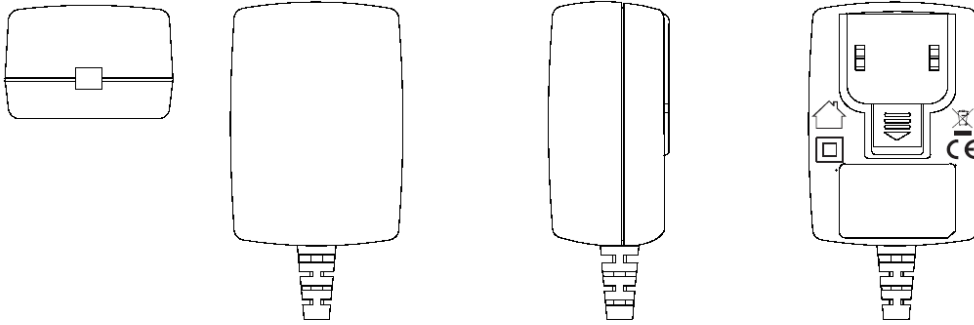
### E) ENCLOSURE

01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
02. Size: 43.5 x 74.0 x 35.3 +/-1.0 mm
03. Markings: Label and/or Pad Printed and/or Molded in the case

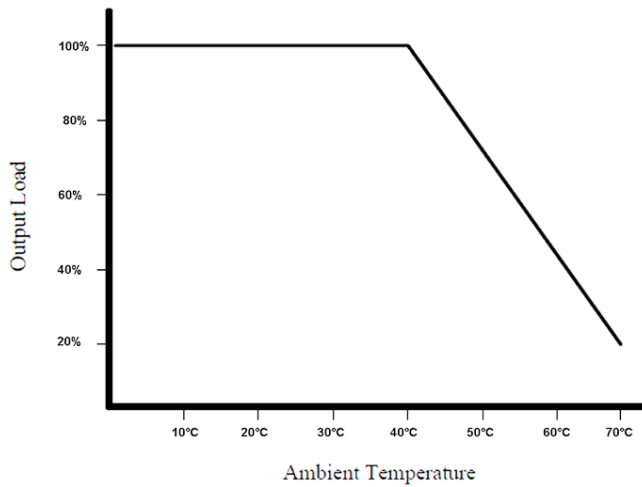
\* 5Vdc USB output connector power supplies, which use the Micro-B or C-type style connector, have a max output voltage regulation specification of +/-8% (4.6V to 5.4V range).

INGRESS PROTECTION: IP52

<p>Neumüller Elektronik GmbH          Gewerbegebiet Ost 7          91085 Weisendorf          Tel.: 09135/736660          info@neumueller.com          www.neumueller.com</p>	<p>Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a>, Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS</p> <p>Model No. GTM41080-1817.9-5.9</p> <p>Part No./Ordering No. WR9QE1500LCPNHM(RVB) <span style="float: right;">Rev C</span></p>
--	---



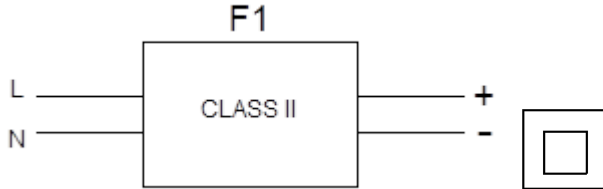
DERATING CURVE



Neumueller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

## INPUT CONFIGURATION

(F1) Class II / Double Insulated



Blades/Cord Included: None: (Order Separately)

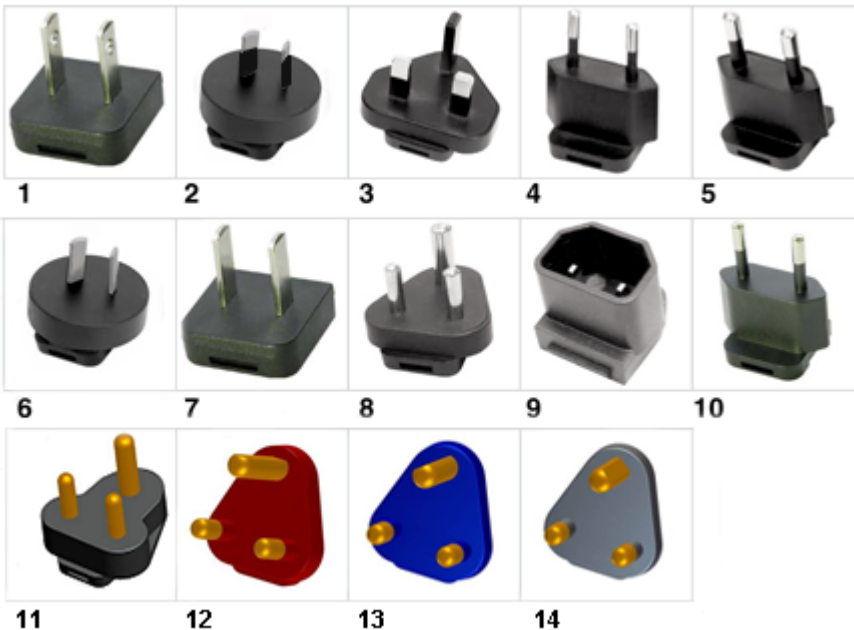
Blades/Cord Installed: None: (Order Separately)

Blade Options for Q Series Wall Plug-in Power Supplies

Data Sheet: <http://en.globtek.com/interchangeable-blades.php>

Insertion Instructions: <http://www.globtek.com/pdf/Instructions-Interchangeable-Blades.pdf>

Video: [Q-Blade Style Instruction Video](#)



INPUT CONNECTOR: Q-Socket (below are available blades configurations which are "not included" (unless stated above); can be purchased separately, package with power supply or as a separate "Q-KIT" if specified

01. United States / Canada / Japan NEMA 1-15P/IEC PLUG A[WORKS IN PLUG B] configuration: NA 2 blades, Class II; US/CA/JP P/N: Q-NA(R)

02. Australian AS 3112 configuration: SAA 2 blade/IEC TYPE I, Class II; AU P/N: Q-SAA(R)

### PROPRIETARY INFORMATION

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

QA/11/15/2018 10:03:28 AM

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

03. UK BS 1363 configuration: UK 3 blade with dummy Ground/IEC TYPE G, Class II; GB P/N: Q-UK(R)
04. European CEE 7/16 configuration: Europlug 2 pins/IEC TYPE C [WORKS IN TYPE E&F], Class II; EU P/N: Q-EU(R)
05. Korean KS C8305 configuration: 2 pins/SIMILAR TO IEC TYPE C, Class II; KR P/N: Q-KR(R)
06. Argentina IRAM 2073 configuration: 2 blades/SIMILAR TO IEC TYPE I; AR P/N: Class II Q-AR(R)
07. China GB 2099 configuration: 2 blades/SIMILAR TO TYPE A, Class II; CN P/N:Q-CN(R)
08. India IS 1293 6A/BS546 configuration: 5A, 3 pins with Dummy Ground, Class II/IEC TYPE D; IN P/N: Q-IN(R)
09. IEC320/C18 Inlet, Class II; P/N: Q-C18(R)
10. Brazilian NBR6147 configuration: 2 pins, Class II;SIMILAR TO IEC TYPE C BR P/N: Q-BR(R)
11. South Africa SABS164-1, 3 round prongs, Class II + dummy ground, IEC TYPE M P/N: Q-SANS164-1-16A(R)
12. South Africa SABS164-4, 3 round prongs with a notched prong @ 0°, Class II + dummy ground, IEC TYPE M Red, P/N: Q-SANS164-4L-16A(R)
13. South Africa SABS164-4, 3 round prongs with a notched prong @ -53°, Class II + dummy ground, Blue, IEC TYPE M, P/N: Q-SANS164-4C-16A(R)
14. South Africa SABS164-4, 3 round prongs with a notched prong @ +53°, Class II + dummy ground, Black,IEC TYPE M P/N: Q-SANS164-4R-16A(R)

#### Kits

01. Q-KIT: 1,2,3,4 above
02. Q-KIT-INTL: 2,3,4 above
03. Q-KIT-6: 1,2,3,4,5,6 above
04. Q-KIT-7: 1,2,3,4,5,6,7 above
05. Q-KIT-8: 1,2,3,4,5,6,7,8 above

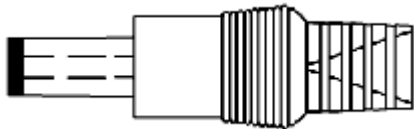


Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

**OUTPUT CORD AND CONNECTOR: LC/C0376**

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

CABLE TYPE	UL 1185
CABLE LENGTH (mm)	1830
CABLE TOLERANCE (mm)	+150-0
WIRE GAUGE (AWG)	18
CONDUCTORS	1C + Shield
HANK DIMENSION (mm)	110 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE / DIMENSION	None
FERRITE # OF TURNS ( <a href="#">Definition</a> )	N/A
FERRITE DIMENSION FROM STRAIN RELIEF	N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal
OUTPUT CONNECTOR SEX	
OVERMOLDED	Yes
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT:	Center Positive (+V)
ADDITIONAL REQUIREMENTS	



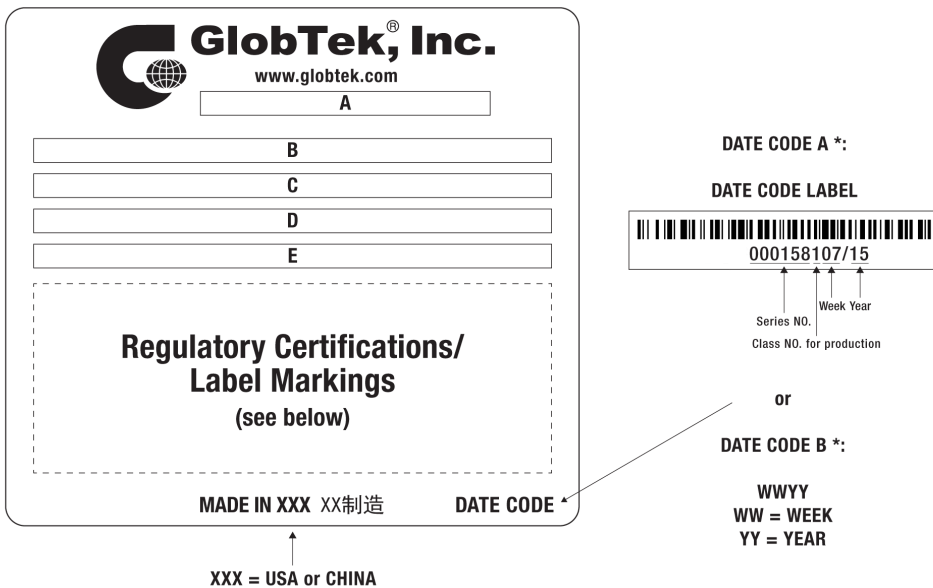
ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE AT <https://www.globtek.com/connectors/>  
STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE AT <https://www.globtek.com/connectors/>

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	Part No./Ordering No. WR9QE1500LCPNHM(RVB)
		Rev C

**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):** 29.8  
**LABEL HEIGHT (mm):** 20.8

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 Power Supply/Class 2 Power Supply  
 B=P/N: (料号) WR9QE1500LCPNHM(RVB)  
 C=Model (型号) GTM41080-1817.9-5.9  
 D=Input (输入) 100-240V~, 50-60 Hz, 0.6 A  
 E=Output (输出) 12 V 1.5 A, 18.0W

- AGENCY ONLINE DOCUMENTS** <http://www.globtek.info/certs/GTM41080/>  
 CE EC-Declaration for Medical [http://globtek.force.com/models/ec\\_declaration?id=a0Oa000000C147SEAR](http://globtek.force.com/models/ec_declaration?id=a0Oa000000C147SEAR)  
 CE EC-Declaration for Industrial/Commercial/ITE [http://globtek.force.com/models/ec\\_declaration?id=a0Oa000000C147SEAR](http://globtek.force.com/models/ec_declaration?id=a0Oa000000C147SEAR)  
 CE EC-Declaration for Household [Contact GlobTek for more information](#)

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

RoHS/RoHS3 Declaration

[https://www.globtek.com/pdf/rohs\\_cert/01ta0000003fUWTA2](https://www.globtek.com/pdf/rohs_cert/01ta0000003fUWTA2)

REACH Declaration

[https://www.globtek.com/pdf/iso\\_certificates/REACH.pdf](https://www.globtek.com/pdf/iso_certificates/REACH.pdf)

Conflict Minerals Declaration

<https://www.globtek.com/pdf/conflict-minerals.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

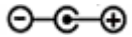
LATEST PRODUCT/MODEL CERTIFICATIONS: <http://en.globtek.com/datasheet/id/a0Oa000000C147S>

AGENCY ONLINE DOCUMENTS:

<http://www.globtek.info/certs/GTM41080/>



(F1) Class II / Double Insulated



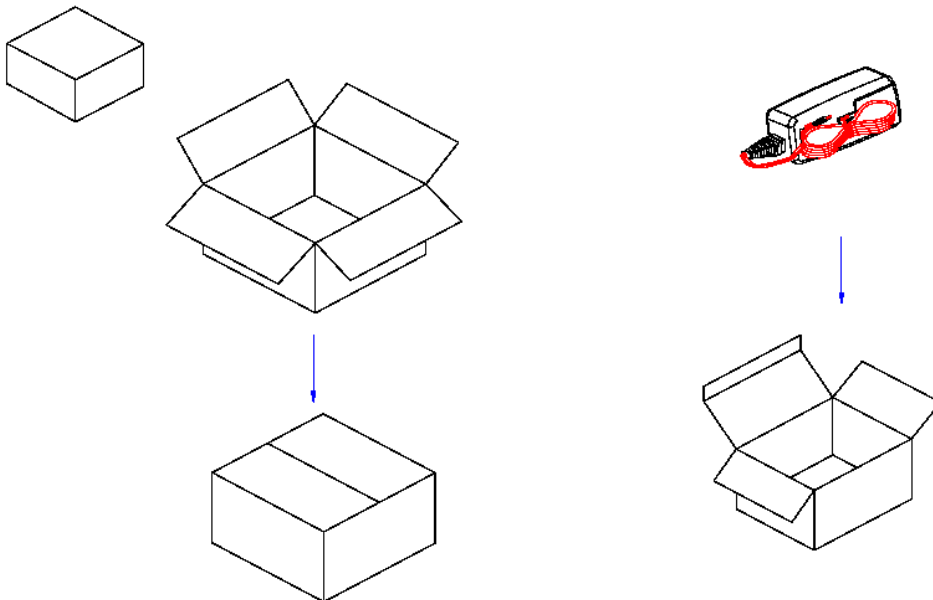
Center Positive (+V)

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

## PACKAGING

Packing Spec P/N:	Standard WPI, Individually Box
Box Qty:	80
Gift Box Size (mm):	90.5 x 73 x 53mm
Gift Box Color:	White
Master Carton Size (mm):	388 x 380 x 245
Master Carton Cubic Volume (m³):	0.04
Master GW (Kg):	15.2 kg
BLADES INCLUDED:	None: (Order Separately)
BLADE/CORD INSTALLED:	None: (Order Separately)

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



Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	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 power supply 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

Q Blades Instruction Sheet (not required to be packaged with product)

Insertion Instructions: <http://www.globtek.com/pdf/Instructions-Interchangeable-Blades.pdf>

This manual is Provided to customer within the product specification - it is the responsibility of

the OEM/customer to provide the end system user instructions + warnings for the use of this product in the end system. By accepting this specification the customer/OEM Agrees to these terms.

## USER MANUAL FOR Q-BLADE SERIES SWITCHING POWER SUPPLIES

Manual del Usuario. Fuentes de Alimentación Series Q-Blade

**WARNING! RISK OF FIRE! SHOCK HAZARD!**: To prevent electric shock, do not remove the cover. No user-serviceable parts inside. This unit contains hazardous voltages and should only be opened by a trained and qualified technician. Do not use if bent, cracked, modified or compromised. To avoid the possibility of electric shock, disconnect electric power to the product before connecting or disconnecting.

**Advertencia! Riesgo de Fuego! Peligro de Choque eléctrico!**

No contiene dentro componentes servibles para el usuario. Desconecte el cable de alimentación antes de quitar la cubierta.

## INDOOR USE ONLY!

Únicamente para uso en el interior.

**POWER SUPPLY BLADE/CORD**: AC Mains voltage should be provided to the power supply by a power supply cords approved to

the national standards in which it will be used. Please use the below table as a guideline for Suitable Power cords.

**CABLE DE ALIMENTACIÓN**: El voltaje de la CA debe proporcionarse a la fuente de alimentación mediante

los cables de alimentación aprobados conforme a las normas nacionales según las cuales será utilizada. Utilice por favor

Neumüller Elektronik GmbH Gewerbegebiet Ost 7 91085 Weisendorf Tel.: 09135/736660 info@neumueller.com www.neumueller.com	Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a> , Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS	
	Model No. GTM41080-1817.9-5.9	
	Part No./Ordering No. WR9QE1500LCPNHM(RVB)	Rev C

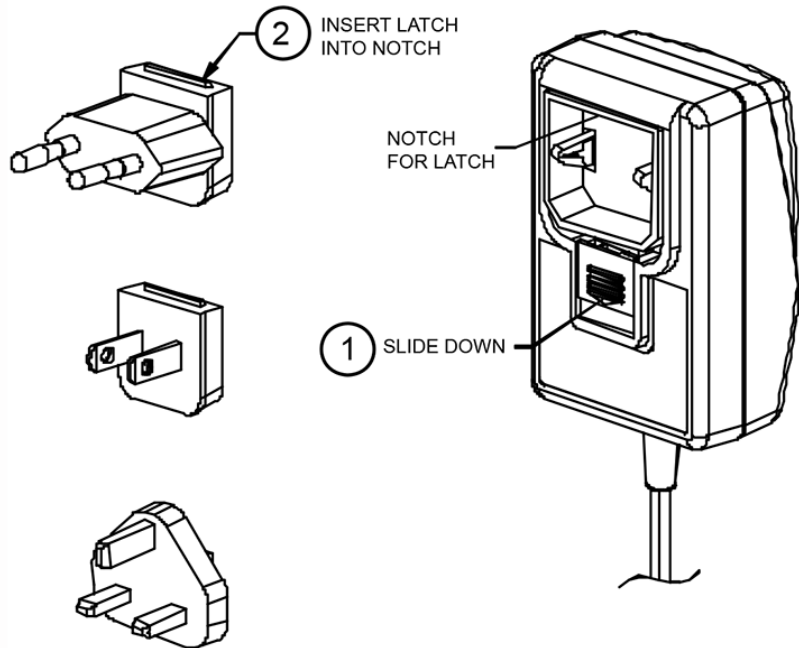
la tabla mencionada aquí abajo como guía para los cables eléctricos adecuados.

1. Class II model NEMA 1-15P AC power plug with 2 prongs, Q-NA(R)
2. Australian AS 3112 configuration: SAA 2 pins Class II, Q-SAA(R)
3. UK BS 1363 configuration: UK 2 pins Class II, Q-UKY(R)
4. European CEE 7/16 configuration: Europlug 2 PINS, Class II, Q-EU(R)
5. Korean KS C8305 configuration: Q-KR(R)
6. Argentina IRAM 2073 configuration: 2 pins, Class II Q-AR(R)
7. China GR 2099 configuration: 2 pins, Class II Q-CN(R)
8. India configuration: 2 pins, Class II, Q-IN(R)
9. IEC320/C18 Inlet

FUSING: Internal fuse for Line is provided in the power supply. A blown internal fuse is an indication of catastrophic failure of circuit component(s). Repair must be performed by GlobTek, Inc. authorized personnel. Fuses must be replaced with same type and ratings per GlobTek internal documentation.

FUSIBLES: La fuente de alimentación provee un fusible interno para la línea. Un fusible interno quemado es un indicador de una falla catastrófica de los componentes del circuito. La reparación debe ser hecha por personal autorizado de GlobTek, Inc. Los fusibles se deben reemplazar por los mismos tipos y rangos que la documentación interna de GlobTek mencione.

<p>Neumüller Elektronik GmbH          Gewerbegebiet Ost 7          91085 Weisendorf          Tel.: 09135/736660          info@neumueller.com          www.neumueller.com</p>	<p>Drawing Title: GTM41080-1817.9-5.9, Medical Power Supply/Class 2 Power Supply, Efficiency Level: V, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, Interchangeable Blades <a href="http://en.globtek.com/interchangeable-blades.php">http://en.globtek.com/interchangeable-blades.php</a>, Output Rating: 18W, 12V@1.5A, Output Configuration: 1830 mm, 18/1C + Shield Cond, UL 1185, Female Barrel 5.5 * 2.5 * 11mm No internal Spring Clip nor Locking Notch or Equal, Ferrite: None, GlobTek Black, GT Cord # C0376, Pin Out: Center Positive (+V), Blades/Input Cord: (Order Separately), Approvals: CB EN/IEC 60335-1 CB EAC Ukraine VCCI WEEE Double Insulation PSE S-Mark IEC/EN 60601-1 cETLus 60601-1 3rd RoHS 2 NEMKO EN/IEC 60335-1 Level V cETLus ES60601 China RoHS cETLus UL1310 IP52 CB CCC CB EN/IEC 60335-1 NOM CE Taiwan BSMI ST-Malaysia CB IEC 60601-1 CE BIS</p>
	<p>Model No. GTM41080-1817.9-5.9</p>
	<p>Part No./Ordering No. WR9QE1500LCPNHM(RVB) <span style="float: right;">Rev C</span></p>



This symbol on an instrument indicates that the user should refer to the operating instructions located in the manual.