

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-96600-7056-T3-AP, ICT/ITE Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Non-IEEE 4PPoE, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14, Output Rating: 70W, 56.0V@1.25A, Output Configuration: N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675, Pin Out: PoE injector wiring Data, Data+Power, RJ45 x 2, Blades/Input Cord: (Order Separately), Approvals: ETL; Patent US9838207B2; EAC; South Africa; UKCA; cETLus 60950-1; Morocco; South Africa; ETL 62368; CB 62368; CE; China RoHS; Class I; RoHS; Ukraine; VCCI; WEEE; Level VI; S-Mark 60950; CB 60950;
	Model No. GT-96600-7056-T3-AP
	Part No./Ordering No. GT966007056-T3-APOE
	Rev D

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

ISO13485:2016 - Medical Devices Quality Management System Certification

ISO14001:2015 - Environmental Management System Certification

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

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

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

Footnote:

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

Limitation of Use:

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

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

Customer Approval of Specification:

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

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

Company Name:

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Quote Number:

Date:

Authorized Representative Name:

Authorized Representative Signature:

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REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
D	Remove diagram from deviation, change Pinout POE RJ45X2 to POE RJ45X2-D	QA	06/09/2020	QA
C1	Update pinout configuration to POE RJ45X2-B, add Conforms to UL STD. 60950-1	QA	12/31/2019	QA
C	Update packaging from gift box to egg crate.	rchiu	05/19/2017	QA
B	Add diagram to the deviation	QA	04/24/2017	QA
A	Initial release.	emcna	10/13/2016	QA

POWER SUPPLY INFORMATION

TYPE:	Desktop/External
TECHNOLOGY:	Non-IEEE 4PPoE
CASE COLOR:	GlobTek Black
NAMEPLATE RATED INPUT:	100-240V~, 50-60 Hz, 2.0A
INPUT CONFIG:	IEC 60320/C14
WATTS:	70.0
VOLTS OUT:	56.0
CURRENT OUT (Amps):	1.25
BLADE/CORD INCLUDED:	None (Order Separately)
BLADE/CORD INSTALLED:	None :(Order Separately)
INGRESS PROTECTION:	
GROUNDING CONFIGURATION:	(F3) Floating output/Isolated Common by Capacitor
EFFICIENCY LEVEL:	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782
OUTPUT CONFIGURATION:	N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675
CONNECTOR PIN OUT:	PoE injector wiring Data, Data+Power, RJ45 x 2
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

PROPRIETARY INFORMATION

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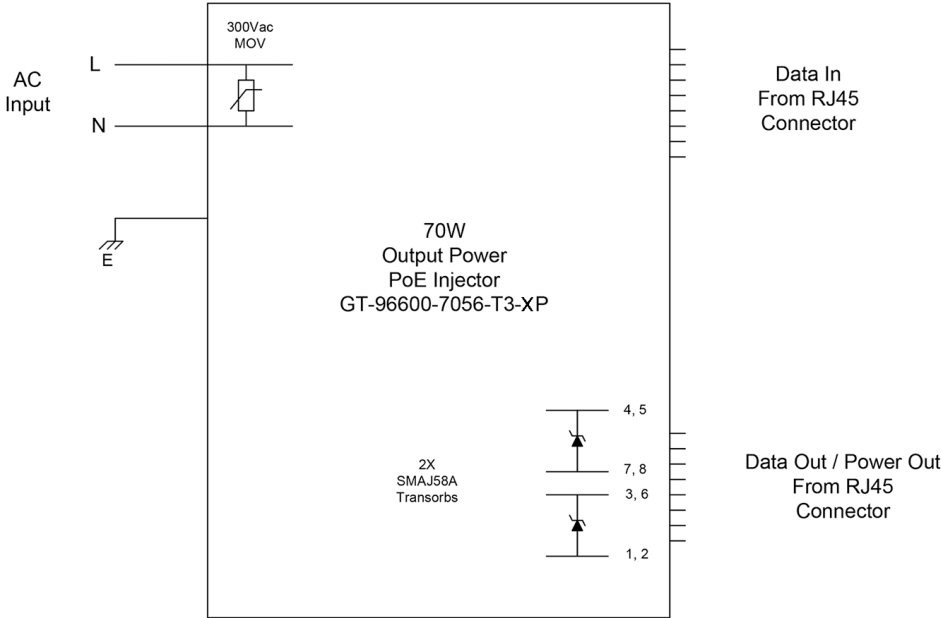
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Notes/Modifications/Customizations (notes in this section supersede the values shown in the standard spec):
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

[RFP RFI-57086](#)

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Diagram of the lightning protection:



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ELECTRICAL SPECIFICATIONS

Overview

GlobTek's GT-96600-7056-AP Power over Ethernet (PoE) injector offers a cost effective and reliable solution for remote powering of wireless LAN access points, IoT sensor hubs, VoIP phones, security cameras and other IP terminals using existing network infrastructure. GlobTek GT-96600-7056-AP injector is configured to provide 70W of power over four pairs using a "Non-IEEE 4PPoE" implementation. When a load is connected, GT-96600-7056-AP immediately applies 56V to all four pairs.

Features

- Easy, low-cost system implementation without IEEE802.3af/at/bt identification or classification
- 10/100/1000Base-T (Gigabit) pass-through
- Dual independent current limiters ensure safe (balanced) current on each set of wire pairs
- Intelligent fault diagnostics via LED indicator
- IEEE802.3 compliant input/output lightning surge and output fault protection
- Compact 164 x 55 x 35mm size

Applications

- High power PoE equipment
- IoT sensor hubs
- VoIP phones with video
- WiFi, Bluetooth, and multi-band access points
- Networked security camera with motorized pan, tilt, and zoom
- Point-of-sale terminals/magnetic card readers
- Industrial/HVAC controllers
- Electronic time clocks
- Digital signage/lighting
- RFID readers
- Motion sensors

Input

Input Voltage:	Specified: 90-264VAC (85-264V rating @ 85% rated output power) Nameplate: 100-240VAC
Input Frequency:	Specified: 47-63Hz, Nameplate: 50-60Hz
Input Current:	<2A @ 90VAC (full load)
No Load Input Power:	<210mW, DoE Efficiency Level VI (Patent US9838207B2)
Inrush Current:	<30A @ 230VAC (cold start @ 25°C)
Efficiency:	>88% @ 115VAC, DoE Efficiency Level VI (4-point average)

Output

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Output Voltage:	56VDC nom. (54VDC min., 57VDC max.)
Ripple:	100mV max. (peak-to-peak)
Turn-on Delay:	1 second typ. @ 115VAC
Hold-up Time:	8ms typ. @ nominal input voltage and full load
Output Current:	1.24A total, 620mA max. per pair-set
Power Injection Method:	"Non-IEEE 4PPoE"
IEEE802.3 Detection/Classification:	No/No
Pair-Set 1:	+V: Pins 4,5 - V: Pins 7,8
Pair-Set 2:	+V: Pins 3,6 - V: Pins 1,2
Note 1:	Please note polarity reversal of pair-set 2 compared to typical IEEE802.3 implementation. A compliant IEEE802.3 compliant PD equipment will handle opposite polarity via diode bridge.
Minimum Holding Current:	10mA per pair-set, pulsating output (between 0-56V) if condition not met
Ethernet Pass-Through:	10/100/1000Base-T
LED Indicator:	Off: No output voltage, check AC input power Continuous: Power good (> 10mA on pair-set 1) Flashing @ 1.5Hz: Minimum holding current not met (< 10mA on pair-set 1) Flashing @ 10Hz: Fault condition, over-current or over-voltage

Protections

AC Input Protection:	MOV transient suppressor (10mm diameter) Input line fusing
Output Port Protection:	2X SMAJ58CA, one per pair-set, per IEEE802.3
Overload/Short-Circuit Protection:	Dual independent current monitors, one per pair-set, auto-recovery upon removal of overload condition, per IEEE802.3

Environmental

MTBF:	1,500,000 hours @ 25°C ambient, full load (Telcordia SR-332, Issue 3)
Operating Temperature:	-20°C to 40°C (full output power)
Storage Temperature:	-30°C to 80°C
Humidity:	0% to 95% relative humidity, non-condensing
Altitude:	5000m max.

Safety

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Dielectric Withstand Voltage:	3000VAC
Leakage Current:	<100µA
Primary-Secondary Insulation System:	Double/reinforced

EMC

Applicable Standards:	Emissions: EN55032, IEC61000-3-2, IEC61000-3-3 Immunity: EN55024
Conducted Emissions:	EN55032, Class B (with resistive load)
Radiated Emissions:	EN55032, 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, 4KV contact discharge, 8KV air discharge (applied to input/output terminals & VCP/HCP)
Radiated RF Immunity:	EN61000-4-3, 3V/m 80-1000MHz, 80% 1KHz AM
EFT/Burst Immunity:	EN61000-4-4, 1KV/100kHz.
Line Surge Immunity:	EN61000-4-5, 1KV differential, 2KV common-mode
Conducted RF Immunity:	EN61000-4-6, 3VRMS, 80% 1KHz AM
Voltage Dip Immunity:	EN61000-4-11

Mechanical

Dimensions:	164 x 55 x 35mm
Weight/Mass:	0.59lb, 264g
AC Input Connector:	IEC60320 inlet: C14, C8, C6, or C18 style
Data and Data + Power Connectors:	Fully shielded RJ45

Special Options

- Custom labels/markings
- Reduced output power rating
- Special housing colors

PoE Interoperability

- GT-96600-7056's interoperability performance was verified with various third party PoE systems and products. Digital data pass-through performance was also verified. Please see below tables.

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

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

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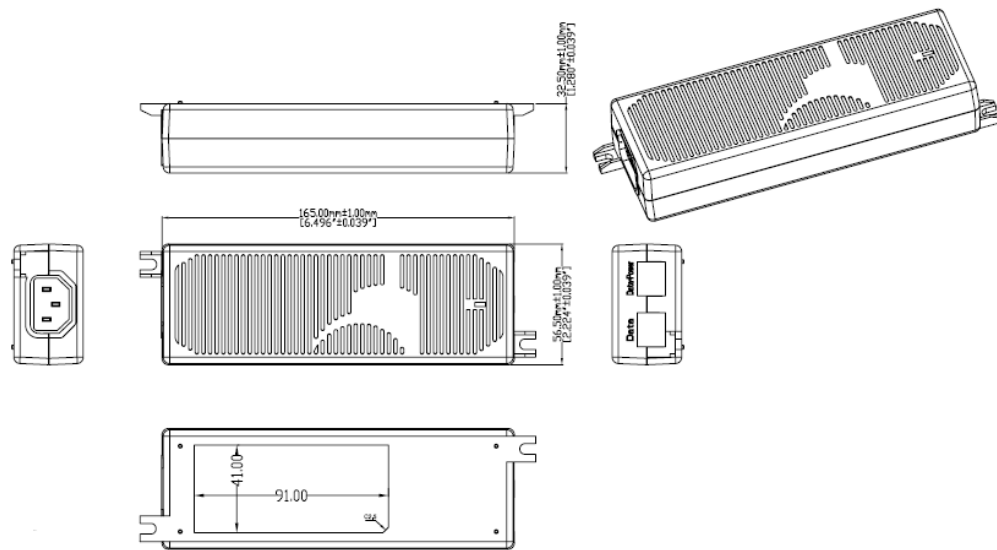
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70W PoE Injector, Ethernet InterOperability and Compatibility Testing

Injector tested: *Model GT-96600-7056*, rated 70W output, 56Vdc, IEEE802.3-2012 Compliant

Note, assuming 80% eff splitter, max Pout = 56W (56/70 = 0.8)

Splitter Model	Splitter Description	P/F	Notes:
Globtek GT-91087	5V, af Type	P	Low power type, tested at 7.5W load
PowerDSIne PD-AS-601/5	5V, af Type	P	
Linksys POEES5	5V, af Type	P	
Axis 5008-001-02	5V, af Type	P	
PowerDSIne PD-AS-701/12	12V, af type	P	24W rating, tested at 24W load
Phihong POE21-120-R	12V, at type	P	21W rating, tested at 21W load
PowerDSIne PD-AS-951/12-24	12V, DLL Classification	P	4 Pair, 54W rating, tested at 48W load
Phihong POE45-120-R	12V, 12.5K Classification	P	4 Pair, 45W rating, tested at 40W load
Hi-Power PS-1206G	12V, MSC201 Classifica.	P	4 Pair, 51W rating, tested at 48W load

100BaseT/1000 Base T network digital transmission testing

(During testing ethernet communications is passed thru Injector and then Splitter and then to a computer)

Injector tested: *Model GT-96600-7056*, rated 70W output, 56Vdc, IEEE802.3-2012 Compliant

Injector is Gigabit designed and tested, to 100 Base T and 1000 Base T

Splitter Model	Splitter Description	P/F	Notes:
Axis 5008-001-02	100 Base T rating	P	Limited bandwidth splitter
PowerDSIne PD-AS-701/12	1000 Base T rating	P	Full bandwidth splitter

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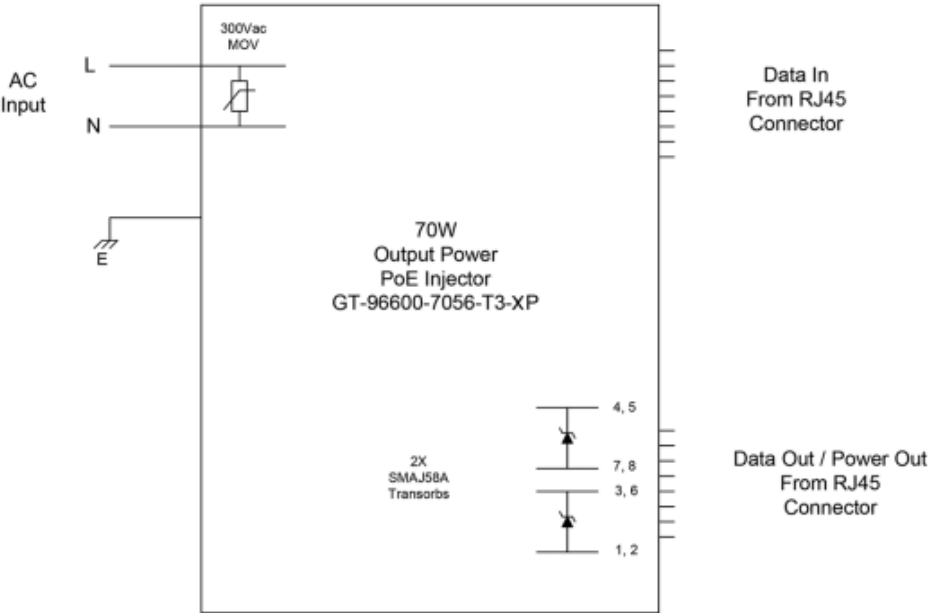
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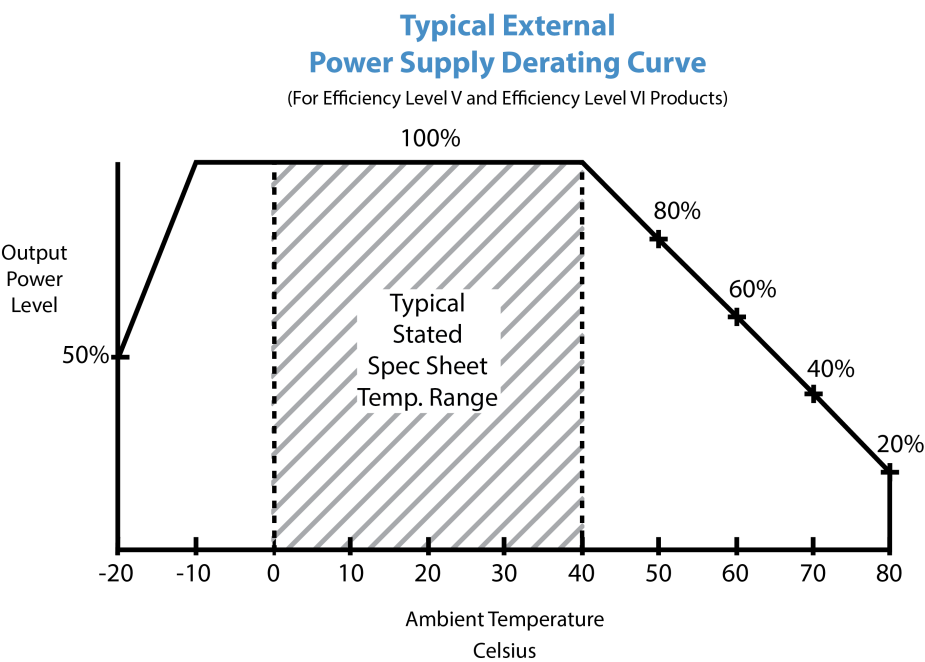
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Diagram of the lightning protection:



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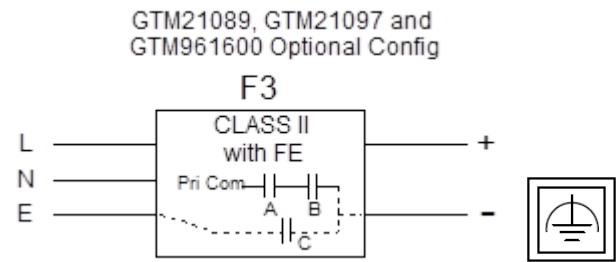
DERATING CURVE



GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-96600-7056-T3-AP, ICT/ITE Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Non-IEEE 4PPoE, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 , Output Rating: 70W, 56.0V@1.25A, Output Configuration: N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675, Pin Out: PoE injector wiring Data, Data+Power, RJ45 x 2, Blades/Input Cord: (Order Separately), Approvals: ETL; Patent US9838207B2; EAC; South Africa; UKCA; cETLus 60950-1; Morocco; South Africa; ETL 62368; CB 62368; CE; China RoHS; Class I; RoHS; Ukraine; VCCI; WEEE; Level VI; S-Mark 60950; CB 60950; <tr> <td data-bbox="302 310 1382 342">Model No. GT-96600-7056-T3-AP</td><td data-bbox="1382 310 1549 342"></td></tr> <tr> <td data-bbox="302 342 1382 386">Part No./Ordering No. GT966007056-T3-APOE</td><td data-bbox="1382 342 1549 386">Rev D</td></tr>	Model No. GT-96600-7056-T3-AP		Part No./Ordering No. GT966007056-T3-APOE	Rev D
Model No. GT-96600-7056-T3-AP					
Part No./Ordering No. GT966007056-T3-APOE	Rev D				

INPUT CONFIGURATION

(F3) Floating output/Isolated Common by Capacitor

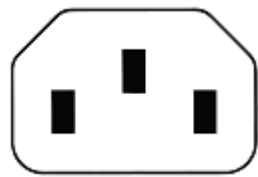


[Alternate grounding configurations](#) available upon request.

Blades/Cord Included:None:(Order Separately)

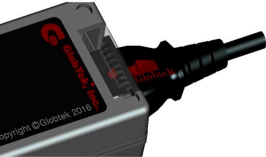
Blades/Cord Installed:None:(Order Separately)

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.

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-96600-7056-T3-AP, ICT/ITE Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Non-IEEE 4PPoE, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14, Output Rating: 70W, 56.0V@1.25A, Output Configuration: N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675, Pin Out: PoE injector wiring Data, Data+Power, RJ45 x 2, Blades/Input Cord: (Order Separately), Approvals: ETL; Patent US9838207B2; EAC; South Africa; UKCA; cETLus 60950-1; Morocco; South Africa; ETL 62368; CB 62368; CE; China RoHS; Class I; RoHS; Ukraine; VCCI; WEEE; Level VI; S-Mark 60950; CB 60950;
Model No. GT-96600-7056-T3-AP	
Part No./Ordering No. GT966007056-T3-APOE	Rev D

Stock Power Supply Cords

Part Number/ Link	Country	Plug	Termination	Length (mm)	(Ft)
3021457F701(R)	N. American (Type B)	NEMA 5-15P	IEC 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	8
5502022M5701A(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C13	2500	8
204B4272M5701(R)	Brazil (Type N)	BRAZIL	IEC 320/C13	2500	8
6023602M5701(R)	China (Type I)	CCC GR2099	IEC 320/C13	2500	8
G8014272M5701(R)	Danish (Type K)	AFSNIT SECTION 107-2-D1	IEC 320/C13	2500	8
23144272M5701-T(R)	Europe (Type E)	CEE 7/7	IEC 320/C13	2500	8
23134272M5701EUKR(R)	Europe/Korea Combo (Type E)	CEE 7/7 / KSC8305	IEC 320/C13	2500	8
205IN4272M5701(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	8
208IN4272M5701(R)	India (Type M)	India IS 1293 (also known as IA16A3 or BS546)	IEC 320/C13	2500	8
377C4272M5701(R)	Israel (Type H)	ISL 377C	IEC 320/C13	2500	8
23024272M5701(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C13	2500	8
3003339F701(R) [3x1.25mm2]	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C13	2500	8
3003068F2701-HK(R) [3 x 2.0mm2]					
302J115J6F0701J(R)	North America / Japan (Type B – 12A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	6
302J104J6F0701J(R)	North America / Japan (Type B – 15A)	NEMA 5-15P (cULus approved), Japan JIS C 8303 (PSE Approved)	IEC 320/C13	1830	6
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	9
2313K3432M5701(R)	Korea (Type F)	KS C 8305	IEC 320/C13	2500	8

PROPRIETARY INFORMATION

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	Model No. GT-96600-7056-T3-AP	
	Part No./Ordering No. GT966007056-T3-APOE	Rev D

5804272M5701(R)	Russia (Type F)	GOST 7396	IEC 320/C13	2500	8
2084272M5701(R)	South Africa (Type M)	South Africa SABS164-1 (16A type)	IEC 320/C13	2500	8
23214272M5701(R)	Switzerland (Type J)	SEV 1011	IEC 320/C13	2500	8
3003322M5701(R)	Taiwan (Type B)	BSMI	IEC 320/C13	2500	8
6363762M5701(R)	Thailand (Type O)	TIS 166-2549	IEC 320/C13	2500	8
PZ0800100-2M5BK13H(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS 1363A	IEC 320/C13	2500	8
7055002M5701A(R)	International	IEC 320 C14-C13	IEC 320/C13	2500	8

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	Model No. GT-96600-7056-T3-AP
	Part No./Ordering No. GT966007056-T3-APOE
	Rev D

OUTPUT CORD AND CONNECTOR: RJ452JACK/C1675

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

CABLE TYPE	N/A
CABLE LENGTH (mm)	N/A
CABLE TOLERANCE (mm)	N/A
WIRE GAUGE (AWG)	N/A
CONDUCTORS	
HANK DIMENSION (mm)	N/A
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE / DIMENSION	None
FERRITE # OF TURNS(Definition)	N/A
FERRITE DIMENSION FROM STRAIN RELIEF	N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration
OUTPUT CONNECTOR GENDER	
OVERMOLDED	
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT:	PoE injector wiring Data, Data+Power, RJ45 x 2
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/>

CALCULATE VOLTAGE REGULATION/DROP WITH OUR ONLINE CALCULATOR: <https://en.globtek.com/output-cable-regulation-calculator/>

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-96600-7056-T3-AP, ICT/ITE Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Non-IEEE 4PPoE, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 , Output Rating: 70W, 56.0V@1.25A, Output Configuration: N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675, Pin Out: PoE injector wiring Data, Data+Power, RJ45 x 2, Blades/Input Cord: (Order Separately), Approvals: ETL; Patent US9838207B2; EAC; South Africa; UKCA; cETLus 60950-1; Morocco; South Africa; ETL 62368; CB 62368; CE; China RoHS; Class I; RoHS; Ukraine; VCCI; WEEE; Level VI; S-Mark 60950; CB 60950;
	Model No. GT-96600-7056-T3-AP
	Part No./Ordering No. GT966007056-T3-APOE
	Rev D

OUTPUT CONNECTOR HOOK UP

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

FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT:

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

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-96600-7056-T3-AP, ICT/ITE Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Non-IEEE 4PPoE, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14, Output Rating: 70W, 56.0V@1.25A, Output Configuration: N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675, Pin Out: PoE injector wiring Data, Data+Power, RJ45 x 2, Blades/Input Cord: (Order Separately), Approvals: ETL; Patent US9838207B2; EAC; South Africa; UKCA; cETLus 60950-1; Morocco; South Africa; ETL 62368; CB 62368; CE; China RoHS; Class I; RoHS; Ukraine; VCCI; WEEE; Level VI; S-Mark 60950; CB 60950; Model No. GT-96600-7056-T3-AP Part No./Ordering No. GT966007056-T3-APOE
	Rev D

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):	
LABEL HEIGHT (mm):	
SPECIAL BARCODE LABEL	No
MATERIAL:	

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


GlobTek, Inc.
www.globtek.com

A

B

C

D

E

Regulatory Certifications/
Label Markings
(see below)

MADE IN XXX XX制造
DATE CODE

XXX = USA or CHINA

DATE CODE A *:

DATE CODE LABEL



Series NO.
Week Year
Class NO. for production

or

DATE CODE B *:

WWYY
WW = WEEK
YY = YEAR

A=ICT/ITE Power Supply
B=P/N: (料号) GT966007056-T3-APOE
C=Model (型号) GT-96600-7056-T3-AP
D=Input (输入)100-240V~, 50-60 Hz, 2.0A
E=Output (输出)56.0 V  1.25 A, 70.0W

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 Page 17 of 21

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	Model No. GT-96600-7056-T3-AP
	Part No./Ordering No. GT966007056-T3-APOE Rev D

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GT-96600/
CE EC-Declaration for Medical	Contact GlobTek for more information
CE EC-Declaration for Industrial/Commercial/ITE	http://globtek.force.com/models/ec_declaration_product?id=01ta0000007bwq6&i=2
CE EC-Declaration for Household	Contact GlobTek for more information
UKCA-Declaration for Medical	Contact GlobTek for more information
UKCA-Declaration for Industrial/Commercial/ITE	http://globtek.force.com/models/ukca_declaration_product?id=01ta0000007bwq6&i=2
UKCA-Declaration for Household	Contact GlobTek for more information
Morocco SDoC Declaration	https://globtek.secure.force.com/models/Morocco_SDoC_Declaration?id=a00a000000Mj0z4EAB
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01ta0000007bwq6AAA
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://en.globtek.com/prop-65-statement.pdf
IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.	

Regulatory Certifications/Label Markings

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

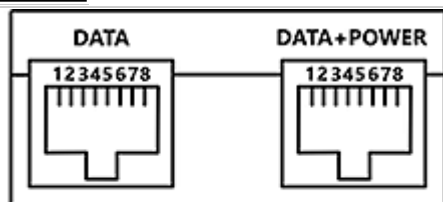
Additional standards or unique country certifications are available upon request. Please contact Globtek to request a quotation.

LATEST PRODUCT/MODEL CERTIFICATIONS: <https://www.globtek.com/datasheet/w71061>

AGENCY ONLINE DOCUMENTS: <http://www.globtek.info/certs/GT-96600/>



(F3) Floating output/Isolated Common by Capacitor



PoE injector wiring Data, Data+Power, RJ45 x 2

DATA Input:
10/100/1000Base-T

DATA+POWER Output:
Pair-Set 1: 4&5(+), 7&8(-)
Pair-Set 2: 3&6(+), 1&2(-)

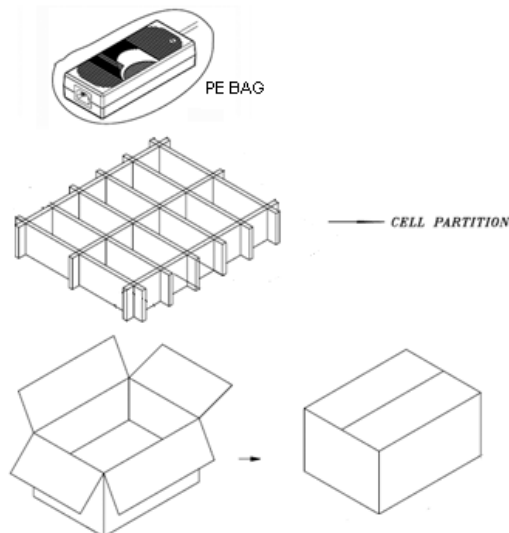
GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-96600-7056-T3-AP, ICT/ITE Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Desktop/External, Non-IEEE 4PPoE, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C14 , Output Rating: 70W, 56.0V@1.25A, Output Configuration: N/A mm, N/A/ Cond, N/A, 2 x RJ-45 Jacks mounted in 94V-0 enclosure per IEEE 802.3af configuration, Ferrite: None, GlobTek Black, GT Cord # C1675, Pin Out: PoE injector wiring Data, Data+Power, RJ45 x 2, Blades/Input Cord: (Order Separately), Approvals: ETL; Patent US9838207B2; EAC; South Africa; UKCA; cETLus 60950-1; Morocco; South Africa; ETL 62368; CB 62368; CE; China RoHS; Class I; RoHS; Ukraine; VCCI; WEEE; Level VI; S-Mark 60950; CB 60950;
	Model No. GT-96600-7056-T3-AP
	Part No./Ordering No. GT966007056-T3-APOE
	Rev D

PACKAGING

Packing Spec P/N:	Standard DT, Cellular packaging, User manual
Box Qty:	20
Gift Box Size (mm):	Egg crate
Gift Box Color:	White
Master Carton Size (mm):	405 x 427 x 158
Master Carton Cubic Volume (m³):	0.03
Master GW (Kg):	6.5 kg
BLADES INCLUDED:	None: (Order Separately)
BLADE/CORD INSTALLED:	None: (Order Separately)
USER MANUAL*:	809-DESKTOPUSERMANUAL on A4 paper
USER MANUAL WEB LINK:	https://en.globtek.com/pdf/809-DESKTOPUSERMANUAL.jpg

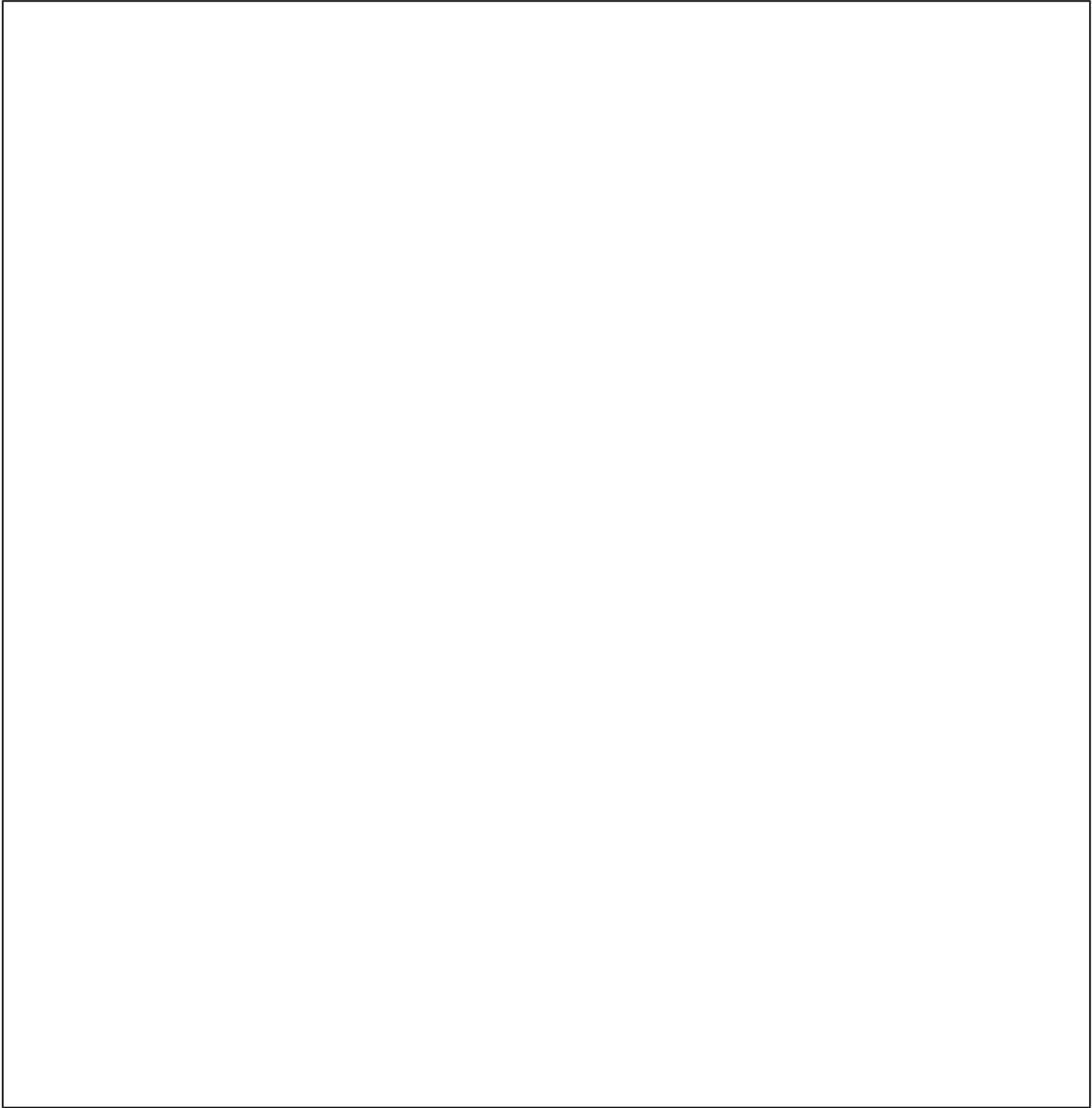
* This specification sheet is considered the user manual for all applications. It is expected that the buyer of this product will use it to formulate their own user manual for their end product and a user manual specifically for the power adapter is not usually required. If a user manual is not specifically 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.



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	Model No. GT-96600-7056-T3-AP
	Part No./Ordering No. GT966007056-T3-APOE
	Rev D

INSTRUCTIONS TO THE OEM SYSTEMS ENGINEER

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

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

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

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

INSTRUCTION SHEET