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File E172861

Project 00ME16400

October 2, 2000

REPORT

on

COMPONENT - MEDICAL ELECTRICAL EQUIPMENT

Under The
RECOGNITION PROGRAM

Globtek Inc.
Northvale, NJ

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DESCRIPTION

PRODUCT COVERED:

USR/CNR: Component - Power Supply, Medical Electrical Equipment, Model GT-500148-12, Model GT-500148-15, Model GT-500148-24, Model GT-500160-30 and GT-500160-30-B.

May be followed by -X.X for specifying output voltage deviation from standard model where X is an integer from 1 to 0 (subtracting X.X from standard rated output voltage will reflect modified output voltage rating).

ELECTRICAL RATINGS:

Model	Input		V dc	Output	
	V ac	Hz		A	VA
GT-500148-12	100-240	50/60	+12	4.0	-
GT-500148-15	100-240	50/60	+15	3.3	-
GT-500148-24	100-240	50/60	+24	2.1	-
GT-500160-30	100-240	50/60	+30	2.0	-
<u>GT-500160-30-B</u>	<u>100-240</u>	<u>50/60</u>	<u>+30</u>	<u>2.0</u>	<u>-</u>

Each output current can vary up to its maximum rated current provided the rated output power is not exceeded.

@ Watts rating for informational purposes only. May or may not be provided on label.

Single output units are available with output voltages of 12 Vdc to 30 Vdc in 0.1 V increments.

MODEL DIFFERENCES:

All models are similar in design except for ratings of some internal components for the output ratings noted.

Model GT-500160-30-B is identical to Model GT-500160-30 except Y-capacitors C2 and C8 are not employed in model GT-500160-30-B.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

General - The products covered by this Report are component power supplies intended for use in/with medical electrical equipment.

The product is provided with an appliance inlet, but evaluated without a detachable Power Supply cord. All electrical components are housed within a plastic enclosure.

In addition to UL 2601-1 (1997), the following standards were utilized during the investigation of the subject product:

IEC 60601-1(1988).
IEC 60601-1: Amendment 1 of IEC 60601-1 1991.
IEC 60601-1: Amendment 2 of IEC 60601-1 1995.
CAN/CSA-C22.2 No. 601.1-M90.

