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Project 02ME14515

REPORT
ON

POWER SUPPLIES
INFORMATION TECHNOLOGY EQUIPMENT,
INCLUDING ELECTRICAL BUSINESS EQUIPMENT

Globtek Inc.
Northvale, NJ

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DESCRIPTION

PRODUCT COVERED:

USL/CNL - Adapters, Class I, Models: GT-21148-YYZZ-X.X-T3 Series,

where: YY - represents output power and can be 12, 20, 23, 24, 25, 27 or 30.

ZZ - represents output voltage and can be 05, 06, 09, 12, 15, 16, 18, 19, 20, or 24

X.X - optional and when used signifies voltage output deviation from standard Model (e.g. GT-21148-3024-0.5-T3, output is 23.5 Vdc).

ELECTRICAL RATING:

Adapters:

Model	Input			Output, dc		W+
	V ac	A	Hz	V	A	
GT-21148-3024-X.X-T3	100-240	1.0	50/60	24	1.25	30
GT-21148-3020-X.X-T3				20	1.5	30
GT-21148-3019-X.X-T3				19	1.6	30
GT-21148-3018-X.X-T3				18	1.7	30
GT-21148-3016-X.X-T3				16	1.9	30
GT-21148-3015-X.X-T3				15	2	30
GT-21148-3012-X.X-T3				12	2.5	30
GT-21148-2709-X.X-T3				9	3	27
GT-21148-2506-X.X-T3				6	4.17	25
GT-21148-2424-X.X-T3				24	1	24
GT-21148-2412-X.X-T3				12	2	24
GT-21148-2309-X.X-T3				9	2.5	23
GT-21148-2005-X.X-T3				5	4	20
GT-21148-1224-X.X-T3				24	0.5	12

Maximum continuous output power: 38.6W for Model GT-21148-3024-T3
and: 23.0W for Model GT-21148-2005-T3

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 5 Vdc to 24 Vdc in 0.1 V increments.

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

Special Considerations - The following items are considerations that were used when evaluating this product.

USL/CNL indicates investigation to the US and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, CAN/CSA C22.2 No. 60950, * UL 60950, Third Edition, including revisions through revision date December 1, 2000.

The equipment was submitted and tested for a maximum manufacturer's recommended ambient (T_{mra}) of 25 °C.

The equipment is: movable, Class I (earthed), pluggable Type A, uses detachable power cord, intended for use on a TN or IT power system.

Disconnect Device - The following part is considered the equipment disconnect device: Appliance Coupler.

Limited Power Source: The following circuits have been evaluated as a limited power source:

<u>Location</u>	<u>Circuit (Schematic) Designation</u>
Outputs of Adapters	DC outputs

The suitability of a printed wiring board trace as part of the protective earthing path was evaluated. See ILL. 1 for trace layout.

The maximum working voltage present is 250 Vrms; 408 V pk. The electric strength tests in the product has been based on this value.