



GlobTek, Inc.

Efficiency Level VI Report

Manufacturer Name:	GlobTek, Inc.	
Model No.	GT-41069P9012-T3	
P/N:	TR9CE6500ML3NG2239	
Engineer:	EV	
Date Tested:	19-Dec-16	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage(V)	100-240	12
Current(A)		6.5
Power(W)		78
Frequency(Hz)	50-60Hz	
Output Cord	1 meter of 3.8mm O.D. 16AWG (High loss type 16 Ga.)	
Type of Output Cord	1185	
Revisions	Rev 00	
Note: Changing to TRUE 16AWG (4.3mm O.D.) will improve average efficiency by approx 0.6%.		

List of Equipment used:

Equipment	Manufacturer	Description
Power Analyzer	Yokogawa	WT3000 Precision Power Analyzer Model 760302 No: 91R225637
AC Source	Chroma	Programmable AC Source Model 61503
Electronic Load	Array	DC E-Load Model 3711A

Efficiency Limits		
	4 pt Average Efficiency (%)	No Load Power (W)
DoE EL5 Limits	87.00%	0.5
DoE EL6 Limits	88.000%	0.21

Efficiency (%)		
Loading Condition	115Vac	230Vac
100% of rated FL	86.814%	87.708%
75% of rated FL	88.095%	87.996%
50% of rated FL	88.499%	87.073%
25% of rated FL	87.216%	83.603%
Average	87.656%	86.595%
Expected Improvement w cord change	0.60%	0.60%
Expected AVG Efficiency	88.256%	87.195%
No Load Power		
	115Vac	230Vac
Measured Power (W)	0.124	0.263