



**GlobTek, Inc.**

**Efficiency Level VI Report**

<b>Manufacturer Name:</b>	GlobTek, Inc	
<b>Model No.</b>	GT-46401-3612	
<b>P/N:</b>	WR9QE3000LCP18N	
<b>Engineer:</b>	Lorenzo R. Madariaga II	
<b>Date Tested:</b>	14-Jan-16	
<b>Nameplate Specifications:</b>		
<b>Product Specifications</b>	Input	Output
Voltage(V)	100-240	12
Current(A)		3
Power(W)		36
Frequency(Hz)	60-50Hz	
Output Cord	16AWG 6ft 2 Wire	
Type of Output Cord	AWM 2468	
<b>Revisions</b>	<b>Rev 01</b>	

**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

<b>Efficiency Level VI Limits</b>		
	<b>4 pt Average Efficiency (%)</b>	<b>No Load Power (W)</b>
<b>DoE EL6 Limits</b>	87.403%	0.1
<b>EU CoC Voluntary Tier 1 Limits</b>	87.033%	0.15
<b>EU CoC Voluntary Tier 2 Limits</b>	88.303%	0.075
<b>EU CoC Voluntary Tier 1 10% Eff Limits</b>		77.033%
<b>EU CoC Voluntary Tier 2 10% Eff Limits</b>		78.303%

<b>Efficiency (%)</b>		
Loading Condition	<b>115Vac</b>	<b>230Vac</b>
<b>100% of rated FL</b>	88.751%	88.963%
<b>75% of rated FL</b>	89.285%	89.196%
<b>50% of rated FL</b>	90.188%	90.109%
<b>25% of rated FL</b>	90.270%	89.294%
<b>Average</b>	<b>89.624%</b>	<b>89.391%</b>
<b>No Load Power</b>		
	<b>115Vac</b>	<b>230Vac</b>
<b>Measured Power (W)</b>	0.026	0.055
<b>10% Load Efficiency (%)</b>		
	<b>115Vac</b>	<b>230Vac</b>
<b>Efficiency (%)</b>	88.13%	84.76%