



## US DoE Energy Level VI & EU CoC Tier 2 Report

Test Location	Northvale, NJ, USA	
Model No.	GTM96300-2207.5-2.5-(T2,T2A,T3,T3A)	
P/N:		
Engineer:	Lorenzo R. Madariaga II	
Date Tested:	30-Oct-15	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage (V)	100V (60Hz) to 240V (50Hz)	5
Current (A)		4
Power (W)		20

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

US DoE Energy Level VI & EU CoC Tier 2 Limits		
Standard	4-Pt Average Efficiency	No Load Power (W)
DoE Energy Level VI	83.084%	0.1
EU CoC Tier 2 (230VAC Only)	83.684%	0.075

Efficiency		
Loading Condition (% of rated full load)	115VAC	230VAC
100%	82.991%	83.295%
75%	84.197%	84.879%
50%	85.823%	84.852%
25%	86.164%	83.632%
4-Pt Average	84.794%	84.165%

No Load Power		
	115VAC	230VAC
Measured Power (W)	0.021	0.047



**GlobTek, Inc.**

## US DoE Energy Level VI Report

Test Location	Northvale, NJ, USA	
Model No.	GTM96300-2207.5-2.5-(T2,T2A,T3,T3A)	
P/N:		
Engineer:	Lorenzo R. Madariaga II	
Date Tested:	18-Dec-15	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage (V)	100V (60Hz) to 240V (50Hz)	5
Current (A)		4.4
Power (W)		22

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

US DoE Energy Level VI Limits		
Standard	4-Pt Average Efficiency	No Load Power (W)
DoE Energy Level VI	83.599%	0.1

Efficiency		
Loading Condition (% of rated full load)	115VAC	230VAC
100%	82.481%	83.015%
75%	83.923%	84.469%
50%	85.716%	84.986%
25%	86.237%	84.260%
4-Pt Average	84.589%	84.183%

No Load Power		
	115VAC	230VAC
Measured Power (W)	0.021	0.047



**GlobTek, Inc.**

## US DoE Energy Level VI Report

Test Location	GlobTek Suzhou	
Model No.	GTM96300-3009	
P/N:		
Engineer:	Suzhou	
Date Tested:	20-Dec-16	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage (V)	100V (60Hz) to 240V (50Hz)	9
Current (A)		3.33
Power (W)		30

Equipment	Manufacturer	Description
Power Analyzer	ZLG	Digital Power Meter
		Model PA310
AC Source	Chroma	Programmable AC Source
		Model 61603
Electronic Load	Prodigit	Electronic Load Module
		Model 3311D

US DoE Energy Level VI Limits		
<i>Standard</i>	<i>4-Pt Average Efficiency</i>	<i>No Load Power (W)</i>
DoE Energy Level VI	86.949%	0.1

Efficiency		
<i>Loading Condition (% of rated full load)</i>	<i>115VAC</i>	<i>230VAC</i>
100%	85.285%	86.677%
75%	86.571%	87.210%
50%	88.255%	87.685%
25%	88.581%	87.589%
4-Pt Average	87.173%	87.290%

No Load Power		
	<i>115VAC</i>	<i>230VAC</i>
Measured Power (W)	0.036	0.068



**GlobTek, Inc.**

## US DoE Energy Level VI & EU CoC Tier 2 Report

Test Location	Northvale, NJ, USA	
Model No.	GTM96300-3614.5-2.5-(T2,T2A,T3,T3A)	
P/N:		
Engineer:	Lorenzo R. Madariaga II	
Date Tested:	17-Dec-15	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage (V)	100V (60Hz) to 240V (50Hz)	12
Current (A)		3
Power (W)		36

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

US DoE Energy Level VI & EU CoC Tier 2 Limits		
Standard	4-Pt Average Efficiency	No Load Power (W)
DoE Energy Level VI	87.403%	0.1
EU CoC Tier 2 (230VAC Only)	88.303%	0.075

Efficiency		
Loading Condition (% of rated full load)	115VAC	230VAC
100%	86.148%	87.472%
75%	87.335%	88.701%
50%	88.830%	88.849%
25%	89.168%	88.380%
4-Pt Average	87.870%	88.351%

No Load Power		
	115VAC	230VAC
Measured Power (W)	0.03	0.054



GlobTek, Inc.

## US DoE Energy Level VI & EU CoC Tier 2 Report

Test Location	Northvale, NJ, USA	
Model No.	GTM96300-3624-(T2,T2A,T3,T3A)	
P/N:		
Engineer:	Lorenzo R. Madariaga II	
Date Tested:	9-Mar-16	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage (V)	100V (60Hz) to 240V (50Hz)	24
Current (A)		1.5
Power (W)		36

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

US DoE Energy Level VI & EU CoC Tier 2 Limits		
Standard	4 pt Average Efficiency	No Load Power (W)
DoE Energy Level VI	87.403%	0.1
EU CoC Tier 2 (230VAC Only)	88.303%	0.075

Efficiency		
Loading Condition (% of rated full load)	115VAC	230VAC
100%	88.443%	90.422%
75%	89.201%	90.703%
50%	90.247%	90.374%
25%	90.087%	89.208%
4-Pt Average	89.495%	90.177%

No Load Power		
	115VAC	230VAC
Measured Power (W)	0.039	0.064

10% Load Efficiency		
	115VAC	230VAC
Efficiency	88.247%	86.148%



**GlobTek, Inc.**

## US DoE Energy Level VI & EU CoC Tier 2 Report

Test Location	Northvale, NJ, USA	
Model No.	GTM96300-3648-(T2,T2A,T3,T3A)	
P/N:		
Engineer:	Lorenzo R. Madariaga II	
Date Tested:	3/9/2016, revised on 2017-05-24 (DRL)	
Nameplate Specifications:		
Product Specifications	Input	Output
Voltage (V)	100V (60Hz) to 240V (50Hz)	48
Current (A)		0.75
Power (W)		36

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

US DoE Energy Level VI & EU CoC Tier 2 Limits		
Standard	4-Pt Average Efficiency	No Load Power (W)
DoE Energy Level VI	87.403%	0.1
EU CoC Tier 2 (230VAC Only)	88.303%	0.075

Efficiency		
Loading Condition (% of rated full load)	115VAC	230VAC
100%	88.798%	91.602%
75%	89.831%	91.463%
50%	91.106%	90.917%
25%	90.641%	89.461%
4-Pt Average	90.094%	90.861%

No Load Power		
	115VAC	230VAC
Measured Power (W)	0.056	0.070

10% Load Efficiency		
	115VAC	230VAC
Efficiency	88.593%	86.154%

NOTE: 230VAC No Load Power revised on 5/24/2017 following updated circuit and new test results