


# EC 278/2009 EcoDesign Test Report

EUT: TPC 080-124

Manufacturer No: 080PSC184

## 115VAC Low Line

Summary	Unit	User ID				
Unit Type:	080PSC184	TOB				
Input Voltage	[VAC]	115				
Nominal output current	[A]	3.33				
Nominal Output Voltage	[V]	24.00				
Nominal O/P Power	[W]	80.00				
Load Condition		1.00	2.00	3.00	4.00	5.00
		100%	75%	50%	25%	0%
RMS output current	[A]	3.33	2.49	1.65	0.81	0.00
Load Condition	[%]	99.85	74.65	49.46	24.32	0.00
RMS output voltage	[V]	24.04	24.05	24.06	24.07	24.09
Active output power	[W]	79.92	59.79	39.63	19.50	0.00
RMS input voltage	[V]	115.11	115.13	115.16	115.18	115.21
RMS input power	[W]	90.62	67.77	44.58	22.07	0.22
Total harmonic distortion THD		154.09	171.78	187.93	196.09	21.53
True PFC		0.51	0.47	0.45	0.43	0.02
Power consumed	[W]	10.70	7.98	4.95	2.57	<b>0.22</b>
Efficiency	[%]	88.19	88.23	88.89	88.34	
<b>Average Efficiency (1-4)</b>	<b>[%]</b>	<b>88.41</b>				
<b>Min required efficiency</b>	<b>[%]</b>	<b>87.00</b>				
<b>Standby Power Loss</b>	<b>(W)</b>	<b>0.22</b>				
<b>Allowable Standby Power Loss</b>	<b>(W)</b>	<b>0.50</b>				
Percentage of nominal output current						
Load condition 1	100%					
Load condition 2	75%					
Load condition 3	50%					
Load condition 4	25%					
Load condition 5	0%					


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Manufacturer No: 080PSC184

<b>230VAC High Line</b>						
Summary	Unit	User ID				
Unit Type:	080PSC184	TOB				
Input Voltage	[VAC]	230				
Nominal output current	[A]	3.33				
Nominal Output Voltage	[V]	24				
Nominal O/P Power	[W]	80				
Load Condition		1	2	3	4	5
		100%	75%	50%	25%	0%
RMS output current	[A]	3.32	2.49	1.65	0.81	0.00
Load Condition	[%]	99.82	74.68	49.49	24.32	0.00
RMS output voltage	[V]	24.04	24.05	24.06	24.07	24.08
Active output power	[W]	79.90	59.81	39.65	19.50	0.00
RMS input voltage	[V]	230.28	230.29	230.31	230.32	230.34
RMS input power	[W]	89.37	67.63	45.11	22.58	0.31
Total harmonic distortson THD		198.62	205.30	212.30	214.30	8.34
True PFC		0.43	0.42	0.40	0.36	0.01
Power consumed	[W]	9.47	7.82	5.46	3.08	<b>0.31</b>
Efficiency	[%]	89.40	88.44	87.89	86.35	
<b>Average Efficiency (1-4)</b>	<b>[%]</b>	<b>88.02</b>				
<b>Min required efficiency</b>	<b>[%]</b>	<b>87.00</b>				
<b>Standby Power Loss</b>	<b>(W)</b>	<b>0.31</b>				
<b>Allowable Standby Power Loss</b>	<b>(W)</b>	<b>0.50</b>				
Percentage of nominal output current						
Load condition 1	100%					
Load condition 2	75%					
Load condition 3	50%					
Load condition 4	25%					
Load condition 5	0%					

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