

EC 278/2009 EcoDesign Test Report

EUT:


TPC 080-148

Manufacturer No:

080PSC185

230VAC High Line						
Summary	Unit	User ID				
Unit Type	080PSC185	TS				
Input Voltage	[VAC]	230				
Nominal output current	[A]	1.7				
Nominal Output Voltage	[V]	48				
Nominal O/P Power	[W]	80				
Burn In Time	[min]	0				
Load Condition		1	2	3	4	5
Percentage of nominal output current		100.00%	75.00%	50.00%	25.00%	0.00%
RMS output current	[A]	1.673	1.248	0.823	0.398	0.000
Load Condition	[%]	98.39	73.40	48.44	23.43	0.00
RMS output voltage	[V]	48.007	48.014	48.018	48.023	48.060
Active output power	[W]	80.300	59.909	39.542	19.129	0.000
RMS input voltage	[V]	229.940	230.050	230.070	230.080	230.080
RMS input power	[W]	90.225	66.799	44.033	21.965	0.437
Total harmonic distortions THD	[%]	165.50	181.30	192.40	194.70	8.70
True PFC	[%]	52.30	46.50	42.20	35.80	1.50
Power consumed	[W]	9.925	6.890	4.491	2.836	0.437
Efficiency	[%]	89.00	89.68	89.80	87.09	
Average Efficiency (1-4)	[%]	88.89				
Min required efficiency	[%]	87.00				
Standby Power Loss	[W]	0.437				
Allowable Standby Power Loss	[W]	0.500				

Percentage of nominal output current	
Load Condition 1	100.00%
Load Condition 2	75.00%
Load Condition 3	50.00%
Load Condition 4	25.00%
Load Condition 5	0.00%

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EUT:


TPC 080-148

Manufacturer No:

080PSC185

115VAC Low Line						
Summary	Unit	User ID				
Unit Type	080PSC185	TS				
Input Voltage	[VAC]	115				
Nominal output current	[A]	1.7				
Nominal Output Voltage	[V]	48				
Nominal O/P Power	[W]	80				
Burn In Time	[min]	5				
Load Condition		1	2	3	4	5
Percentage of nominal output current		100.00%	75.00%	50.00%	25.00%	0.00%
RMS output current	[A]	1.673	1.249	0.824	0.400	0.000
Load Condition	[%]	98.44	73.46	48.50	23.51	0.00
RMS output voltage	[V]	48.004	48.014	48.019	48.023	48.058
Active output power	[W]	80.334	59.959	39.591	19.192	0.000
RMS input voltage	[V]	114.940	114.970	115.000	115.020	115.050
RMS input power	[W]	89.674	66.514	43.838	21.348	0.269
Total harmonic distortson THD	[%]	140.60	154.60	176.50	197.90	24.70
True PFC	[%]	53.40	50.60	46.10	41.60	1.90
Power consumed	[W]	9.340	6.555	4.247	2.156	0.269
Efficiency	[%]	89.58	90.14	90.31	89.90	
Average Efficiency (1-4)	[%]	89.99				
Min required efficiency	[%]	87.00				
Standby Power Loss	[W]	0.269				
Allowable Standby Power Loss	[W]	0.500				

Percentage of nominal output current	
Load Condition 1	100.00%
Load Condition 2	75.00%
Load Condition 3	50.00%
Load Condition 4	25.00%
Load Condition 5	0.00%

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