

ATM120A4-P240 24V 5.0A 120W Medical Power Adadpter

Efficiency Test Report

A.	Model Number	: ATM120A4-P240	24.0V	5.00A	120.00W
B.	DC Power Cord	: UL11352 18AWG, L=1.5M, 4 PIN DIN			
C.	Average Efficiency	:			
	Erp (LOT 7)	88.0%	Min.		
	DoE Level VI	88.0%	Min.		
	GEMS Level VI	88.0%	Min.		
	CoC Tier 2	89.0%	Min.		
	CoC Tier 2(10% Load)	79.0%	Min.		
D.	NO Load Power Consumption	:			
	Erp (LOT 7)	0.21W Max.			
	DoE Level VI	0.21W Max.			
	GEMS Level VI	0.21W Max.			
	CoC Tier 2	0.15W Max.			
E.	Testing Dequpiment	:			
	a. AC Power Source	: " eec " 6600			
	b. Electronic Load	: " PRODIGIT " 3311F			
	c. Power Meter	: " YOKOGAWA " WT-210			
	d. Digital Meter	: " FLUKE " 79III			
F.	AC Input Voltage	: 115Vac/60Hz			

Load Conditions	100%* I ₀	75%* I ₀	50%* I ₀	25%* I ₀	10%* I ₀	0%* I ₀
Reported Quantity						
Rms Output Current(mA)	5000mA	3750mA	2500mA	1250mA	500mA	0mA
Rms Output Voltage(V)	23.600V	23.710V	23.730V	23.930V	23.990V	24.030V
Active Output Power(W)	118.00W	88.91W	59.33W	29.91W	12.00W	0.00W
Rms Input Voltage(V)	115V	115V	115V	115V	115V	115V
Rms Input Current(A)	1.162A	0.879A	0.602A	0.318A	0.156A	0.050A
Rms Input Power(W)	130.100W	97.500W	65.260W	33.590W	14.520W	0.087W
True Power Factor (PF)	0.977	0.967	0.945	0.919	0.807	0.013
Power Consumed by UUT(W)	12.100W	8.587W	5.935W	3.678W	2.525W	0.087W
Active Efficiency	90.699%	91.192%	90.906%	89.052%	82.610%	*
Average Efficiency	90.462%				82.610%	*

G. AC Input Voltage : 230Vac 50Hz

Load Conditions	100%* I ₀	75%* I ₀	50%* I ₀	25%* I ₀	10%* I ₀	0%* I ₀
Reported Quantity						
Rms Output Current(mA)	5000mA	3750mA	2500mA	1250mA	500mA	0mA
Rms Output Voltage(V)	23.600V	23.710V	23.820V	23.870V	23.990V	24.030V
Active Output Power(W)	118.00W	88.91W	59.55W	29.84W	12.00W	0.00W
Rms Input Voltage(V)	230V	230V	230V	230V	230V	230V
Rms Input Current(A)	0.603A	0.466A	0.332A	0.200A	0.130A	0.087A
Rms Input Power(W)	128.270W	96.490W	64.980W	33.750W	14.390W	0.107W
True Power Factor (PF)	0.925	0.900	0.849	0.734	0.480	0.005
Power Consumed by UUT(W)	10.270W	7.577W	5.430W	3.913W	2.395W	0.107W
Active Efficiency	91.993%	92.147%	91.644%	88.407%	83.356%	*
Average Efficiency	91.048%				83.356%	*