

# 5V12A 测试效率对比报告

MOS	Vin(V)	Pin(W)	Iout(A)	Vout(V)	$\eta$	平均效率
AU40N221P	110V	6.93	1.2	5.13	88.83%	89.81%
		17.08	3	5.13	90.11%	
		34.06	6	5.13	90.37%	
		51.46	9	5.14	89.90%	
		69.41	12	5.14	88.86%	
	230V	7.05	1.2	5.13	87.32%	90.35%
		17.13	3	5.13	89.84%	
		34.05	6	5.13	90.40%	
		51.05	9	5.14	90.62%	
		68.11	12	5.14	90.56%	
AU40N211P	110V	6.96	1.2	5.13	88.45%	89.36%
		17.13	3	5.13	89.84%	
		34.2	6	5.13	90.00%	
		51.85	9	5.14	89.22%	
		69.8	12	5.14	88.37%	
	230V	7.13	1.2	5.13	86.34%	89.84%
		17.2	3	5.13	89.48%	
		34.18	6	5.13	90.05%	
		51.26	9	5.14	90.25%	
		68.85	12	5.14	89.59%	
AU40N131P	110V	6.96	1.2	5.13	88.45%	89.16%
		17.19	3	5.13	89.53%	
		34.32	6	5.13	89.69%	
		51.86	9	5.14	89.20%	
		69.92	12	5.14	88.22%	
	230V	7.11	1.2	5.13	86.58%	89.51%
		17.29	3	5.13	89.01%	
		34.35	6	5.13	89.61%	
		51.51	9	5.14	89.81%	
		68.83	12	5.14	89.61%	
AU40N131P*2	110V	6.96	1.2	5.13	88.45%	89.67%
		17.13	3	5.13	89.84%	
		34.16	6	5.13	90.11%	
		51.53	9	5.14	89.77%	
		69.32	12	5.14	88.98%	
	230V	7.07	1.2	5.13	87.07%	90.26%
		17.09	3	5.13	90.05%	
		34.15	6	5.13	90.13%	
		51.17	9	5.14	90.40%	
		68.18	12	5.14	90.47%	

制表：曾志敏  
2015年3月10日