



Features:

- High reliability, low cost
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 2 year warranty

SPECIFICATION

Model		ES 100-12	ES 100-24	
Output	Dc Voltage	12V	24V	
	Rated Current	10A	4.16A	
	Current Range	0~8.3A	0~4.16A	
	Rated Power	100W	100W	
	Ripple&Noise (Max)	150mV	150mV	
	Voltage Tolerance	±4%	±4%	
	Setup, Rise Time	50ms/220VAC		
	Hold Up Time (Typ.)	20ms/220VAC		
Input	Voltage Range	170~250VAC		
	Frequency Range	47~60Hz		
	Power Factor (Typ)	PF>0.75/220VAC		
	Efficiency (Typ)	0.85	0.85	
	Ac Current (Typ)	0.55A/235V		
	Inrush Current (Typ)	Cold-start current 0.7A/235V		
Protection	Short Circuit	Protection type:recovers automatically after fault conditions is removed		
	Overload	Overload protection@145~160%above peak rating		
	Over Temperature	protection typer:shut down o/p voltage.re-power on to recover		
Environment	Working Temp	-30~ +60℃ (Refer to output load derating curve)		
	Working Humidity	20~90%RH no-condensing		
	Storage Temp Humidity	-40~ +80℃、10~90%RH		
NOTE	1. All parameters NOT specially mentioned are measured at 220VAC input, rated laod and 25℃ of ambient temperature.			
	2. Ripple&noise are measured at 20MHz of bandwidth by using a12' twisted pair-wire terminated with a 0.1uf&10uf parallel capacitor.			
	3. Tolerance:includes set up tolerance, line regulation and load regulation.			

Mechanical specification

