



36W POWER SUPPLY

■Features



- Full wattage
- Protection: short-circuit, overload, over current
- 100% full-load aged
- Working temperature up to 60°C
- High efficiency, long life span, and high reliability
- 2 years warranty

Specifications

Product No.		S-12V3A					
Output	DC voltage	12V					
	Rated Current	3A					
	Current Range	0-3A					
	Rated Power	36W					
	Ripple and Noise(Max)Note.2	150mVp-p					
	Voltage adjustment	10.8-13.2V					
	Voltage Accuracy Note3	±1%					
	Linear Adjustment Note4	±0.5%					
	Load Adjustment Note5	±0.5%					
	Start and rise time	1000ms,30ms/230VAC 1000ms,30ms/176V					
Hold time (Typ)	50ms/230VAC 10ms/176AC						
Input	Voltage range	176-264VAC					
	Frequency range	47-63HZ					
	Efficiency (Typ)	80%					
	AC current (Typ)	0.57A/120V 0.37A/220V					
	Surge current (Typ)	Cold Start: 65A/230VAC					
	Current leak	<2mA/240VAC					
Protection	Overload	Larger than 105% of capacity restoration after abnormality removed					
	Overvoltage						
	Overheat						
Environment	Working temp.	-20~+60°C (Refer to the tenuation curve)					
	Working humidity	20~90% RH, without condense					
	Storage temp & hmdty	-40~+80°C					
	Temp. coefficient	±0.03%/°C (0~50°C)					
	Vibration proof	10~500HZ,5G 10min / cycle, X、Y、Z axes 60 min each					
Safety	Voltage proof	I/P-O/P:1.5KVAC					
	insulation resistance	I/P-O/P:100M Ohms/500VDC/25°C/70% RH					
Packing	Dimensions	85*58*38mm(L*W*H)					
	Packing	0.14kg/PCS;100PCS/15.3kg					
Notes:	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°C environment temp. 2. Ripple and noise: measured with a 12" double ripple cord connected in parallel with a 0.1μF and a 47 μF capacitor on 20MHz bandwidth. 3. Accuracy: including preset errors, linear adjustment rate and load adjustment rate. 4. Linear adjustment: taken under rated load from low voltage to high voltage. 5. Load adjustment: taken under 0~100% of rated load. 6. Power supply is taken as part of the whole system, and needs to be confirmed with terminal instruments for EMC.						