

360W Series AC-DC Strip Switching Power Supply Specifications

		Model	L12V30A	Remark	
Input	Voltage (V)		180~240V±10%		
	Current (A)	ACIN 220V	1.5A		
	Frequency (Hz)		50Hz/60Hz (47~63Hz)		
	Efficiency	ACIN 220V	82%		
Inrush current (A)	ACIN 220V	40 typ @ 25 °C cold start			
Leakage current (A)		0.75max (ACIN 115V/240V, 60Hz, Io = 100%, IEC60950-1 and DEN-AN compliant)			
Output	Voltage (V)		12		
	Current (A)	ACIN 220V	30		
	Power (W)	ACIN 180-240V	360W		
	Power Supply Regulation (mV)		100max		
	Load Regulation (mV)		40max		
	Ripple Voltage (mV p-p) -10—50°C		140max		
	Ripple Noise (mV p-p) -10—50°C		≤400mV		
	Drift (mV)		20max		
Startup time (ms)		≤50S@230VAC			
Protection time (ms)		≥20mS@230VAC			
Output voltage adjustment range (V)		± 10% (rated output voltage)			
Protection circuit and others	Overcurrent protection		105%-150%		
	Overvoltage protection (V)		115% ~ 135% (rated output voltage)		
	Short circuit protection		Protection, automatic recovery		
	Operational indicators		Green led light		
Insulation properties	Input-output		AC1500V,1min, 25°C		
	Input-Enclosure		AC1500V,1min, 25°C		
	Output-Enclosure		DC500V,1min, 25°C		
Environmental conditions	Operating temperature		—10°C~50°C; 20% ~ 90% RH (no condensation)		
	Storage temperature		—20°C~70°C; 20% ~ 90% RH (no condensation)		
	Vibration		10 ~ 55Hz, 19.6m/S2 (2G), 3 min cycle, 60 min along X, Y, Z axis		
	Impact		196.1m/S2 (20G), 11ms, once along X, Y and Z axis		
Safety and noise	Safety certification		Comply with EN		
	Electromagnetic compatibility standard		EN55022 Class B, EN61000-4-2/-3/-4/-5/-6/-11		
Other	Enclosure dimensions		223*68*40mm		
	Weight (kg)		0,5		
	Cooling method		Fan cooling		