



**SC-60W series**

**UPS function monitor power supply**

- Features:
- universal AC input
  - . Small volume, low weight, high efficiency
  - . Protections: short circuit/over load
  - . Indicator for power on/charge/normal(LED)
  - . 100% full load burn-in test
  - . Battery protection at low voltage
  - . 2 Year warranty.

Model		SC-60-12		SC-60-24	
Output	DC voltage	CH1:13.8V	CH1:13.4V	CH1:27.6V	CH2:26.5V
	Voltage tolerance	±1%	-----	±1%	-----
	Rated current	4.0A	0.35A	2.0A	0.25A
	Current range	0~4A	-----	0~2A	-----
	Rated power	59.9W		61.8W	
	Ripple&noise	100mvp-p	-----	100mvp-p	-----
	DCvoltage ADJ.range	CH1:11.3~14.9V		CH1:21.3~29.8V	
Input	Voltage range	90~264VAC, 127~370VDC			
	frequency	47~63HZ			
	AC current	1.6A/115VAC, 0.8A/230VAC			
	efficiency	81%		83%	
	Inrush current	Cold start current 25A/115VAC, 45A/230VAC			
Leakage current	< 1mA/240VAC				
protection	Over load	Rated output power110%~150% start over load protection protection mode: AC charging mode:hiccup mode auto-recovery after fault condition is removed			
	Battery protection	9.5~11V		20~22V	
	At low voltage	protection mode:cutoff output			
Function	UPS introduction	long-term online floating charge to battery,high charging efficiency,battery can saturate to more than 90% ,auto-stop harging when it's full,prevent over charging. Effectively extend battery life,AC/battery auto switch,no switch time,no need human guard, cold-start ,when there is no AC input ,can use battery start UPS,Meet the user's emergency needs			
environme nt	Working temp,humidity	-10℃~+60℃ , 20%~90%RH			
	Storage temp,humidity	-20℃~+85℃ ,10%~95%RH non-condensing			
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes			
safety	Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG:100m ohms/500VDC			
Fitstandar d	Safety standard	Compliance to UL60950-1			
	EMC standard	Compliance to EN55022, CLASS B			
others	Dimension	129*98*38mm (L*W*H)			
	Weight/packing	0.52kg/45pcs/24kg/0.034m <sup>3</sup> /1.2CUFT			
note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation.				