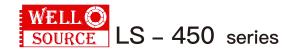


Features:

- AC input 180~264VAC
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in cooling Fan ON-OFF control
- Withstand 300VAC surge input for 5 second
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- LED indicator for power on
- High reliability
- 3 years warranty
- Compliance to IEC/EN/UL 62368-1

Specificatio	n									
MODEL		LS-450-5	LS-450-6.5	LS-450-12	LS-450-15	LS-450-24	LS-450-36	LS-450-48		
	VOLTAGE RANGE	180~264Vac 240~370Vdc(refer to 'static characteristic')								
INPUT	FREQUENCY RANGE	47~63Hz								
	EFFICIENCY(Typ.)	84%	85%	85%	86%	87%	87.5%	88%		
	AC CURRENT(Typ.)	5A/230Vac								
	INRUSH CURRENT(Typ.)	65A/230Vac (cold start)								
	LEAKAGE CURRENT	<2mA/240Vac								
OUTPUT	DC VOLTAGE	5V	6.5V	12V	15V	24V	36V	48V		
	RATED CURRENT	70A	60A	37.5A	30A	18.8A	12.5A	9.4A		
	CURRENT RANGE	0~70A	0~60A	0∼37.5A	0~30A	0~18.8A	0~12.5A	0~9.4A		
	RATED POWER	350W	390W	450W	450W	451.2W	450W	451.2W		
	RIPPLE&NOISE (max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p		
	VOLTAGE ADJ.RANGE	4.5~5.5V	6~7.5V	10.2~13.8V	13.5~17.5V	21.6~28.5V	32.4~39.6V	43.2~52.8V		
	VOLTAGE TOLERANCE	±3%	±2%	±1.5%	±1%	±1%	±1%	±1%		
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%		
	LOAD REGULATION	±2%	±2%	±1%	±1%	±0.5%	±0.5%	±0.5%		
	SETUP, RISE TIME	3000ms,50ms/230Vac								
	HOLD UP TIME(Typ.)	15ms/230Vac								
PROTECTION	OVER LOAD	105%~135% rated output power								
		Protection type: 12V/15V/24V/36V/48V Constant current limiting, recovers automatically after fault condition is removed 5V/6.5V Hiccup mode (recovers after re–power on) or shutdown								
	OVER VOLTAGE	5.75~6.75V	9.4~11.3V	13.8~17V	18.2~22.5V	28.8~33.6V	41.4~46.8V	55.2~64.8V		
		Protection type: Hiccup mode, recovers automatically after fault condition is removed								
	OVER TEMPERATURE	Protection type: Hiccup mode, recovers automatically after fault condition is removed								
FUNCTION	FAN ON/OFF CONTROL(Typ.)	RTH2>50°C FAN ON, ≤40°C FAN OFF								
ENVIRONIMENT	WORKING TEMP., HUMIDITY	-30~+70°C (Refer to "Derating curve") , 20~90%RH non-condensing								
	STORAGE TEMP., HUMIDITY	-40~+85°C, 10~95%RH								
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)								
	VIBRATION	10∼500Hz, 5G 10min./1 cycle, each along X、Y、Z axes								



	Safety standards	Refer to UL62368-1,TUV EN62368-1,CCC GB4943.1								
		I/P-O/P: 3KVac; 100MΩ / 500Vdc / 25°C / 70%RH								
	Withstand voltage and	I/P-FG: 2KVac; 100MΩ / 500Vdc / 25°C / 70%RH								
	isolation resistance	O/P-FG: 0.5KVac; 100MΩ / 500Vdc / 25°C / 70%RH								
	Electromagnetic	Parameter	Standard Test Level / Note							
		Conducted emission	BS EN/EN55032(CISPR32),FCC PART 15 / CISPR22 ,GB9254.1	Class A						
		Radiated emission	BS EN/EN55032(CISPR32),FCC PART 15 / CISPR22 ,GB9254.1	Class A						
		Harmonic current	BS EN/EN61000-3-2,GB17625.1	Dos not meet						
		Voltage flicker	BS EN/EN61000-3-3							
Safety and	Electromagnetic compatibility immunity	BS EN/EN55035								
electromagnetic compatibility		Parameter	Standard	Test Level /Note						
		ESD BS EN/EN61000-4-2		Level 4, 8KV air, Level 2, 4KV contact, criteria A						
		RF field susceptibility	BS EN/EN61000-4-3	Level 3, criteria A						
		EFT bursts	BS EN/EN61000-4-4	Level 3, criteria A						
		Surge susceptibility	BS EN/EN61000-4-5	Level 3, 1KV/L-N, 2KV/L/N-FG criteria A						
		Conducted susceptibility	BS EN/EN61000-4-6	Level 3, criteria A						
		Magnetic field immunity	BS EN/EN61000-4-8	Level 4, criteria A						
		Voltage dips and interruptions	BS EN/EN61000-4-11	>95% dip 0.5 periods, 30% dip 25 periods , >95% interruptions 250 periods						
	MTBF	≥300Khrs MlL-HDBK-217F(25°C)								
OTHERS	DIMENSION	215*115*30mm(L*W*H)								
	PACKING	0.75Kg; 15pcs/ 12.25Kg/ 0.77CUFT								
NOTE	2. Ripple & noise are me 3. Tolerance: includes se 4. Line regulation is mea 5. Load regulation is mea 6. Length of set up time 7. The ambient temperat 8. The power supply is co	parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. The second of the								

