



Features :

- . Low / high working temperature
- . Wide AC input I range
- . Built-in EMI filter
- . Limiting AC surge current
- . compact size, light weight
- . Short circuit, over-load, over-voltage protected
- . 100% full load burn-in test

. 1 year warranty

Model	S 48 HD
DC output voltage	24V
Output voltage tolerance	±2%
Output rated current	2A
Output current range	0.1~2A
Ripple & noise	120mVp-p
Line regulation	±1%
Load regulation	+1%
DC output power	48W
Efficiency	77%
DC voltage adjustment
Input voltage range	30~110VAC (30V 45% load, 40~48V 75% load, 48V above 100% load) 47~63Hz
AC current	3.5A / 60V
Inrush current	Cold start 25A/60V
Leakage current	<1mA/ 110 VAC
Over-load protection	105~150% Type : pulse by pulse Reset : auto-recovery
Over-voltage protection	26.4V~30V
Over-temperature protection
Temperature coefficient	±0.05% /°C (0°~45°C)
Set-up, Rise, Hold-up time	1000ms, 50ms, 10ms
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes
Withstand voltage	I/P-O/P ; I/P-FG ; O/P-FG: 0.5KVAC
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 500VDC / 100MΩ
Working temp. & humidity	-10°C~+45°C (refer to output derating curve), 10%~90% R.H.
Storage temp. & humidity	-20°C~+85°C, 10%~90% R.H. (non-condensing)
Dimensions	85 x 85 x 25 mm (Length x Width x Height) above component side
Weight	250 gr
Safety standards
EMC standards
Notes:	
-All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient.	
- Tolerance include setup tolerance, line regulation, load regulation.	
- Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor.	
- Line regulation is measured from low line to high line at rated load.	
- Load regulation is measured from 0% to 100% rated load	