



● Features:

- Wide Input Supply Range
- Low leakage current <1mA.
- Protections: Short Circuit / Over load / Over voltage / Over Temperature
- 100% Full Load Burn in test.
- High efficiency, long life and high reliability
- Miniature size, High power density

SPECIFICATION

MODEL		S960-24	S960-48
Output	DC Voltage	24V	48V
	Rated Current	40A	20A
	Current Range	0 ~ 40A	0 ~ 20A
	Rated Power	960W	960W
	Ripple and Noise Max.	< 1% Of Rated Voltage.	
	Voltage Adj. Range	21.6 ~ 26.4V	43.2 ~ 52.8V
	Voltage Tolerance	< 1% Of Rated Voltage.	
	Line Regulation	< +/- 0.5 %	
	Load Regulation	< +/- 1 %	
	Hold up Time	> 20mSec	
Input	Voltage Range	170 VAC - 300 VAC	
	Frequency	45Hz - 65Hz	
	Efficiency	>80%	
	Inrush Current	<50A At 230VAC	
	Leakage Current	<1mA At 230VAC	
Protection	Over Load	Above 105% Rated output Power Protection Type: Hiccup Mode, Recovers automatically after fault condition is removed.	
	Over Voltage	27 ~ 29V	54 ~ 56V
	Over Temperature	>140 DegC Case Temp typically detect on main control IC. Protection Type : Shutdown , recovers automatically after fault condition is removed.	
Environment	Working Temp.	-5DegC to 55DegC.	
	Working Humidity	20 to 90%RH Non Condensing.	
	Storage Temp Humidity	-10 to 85DegC 10 to 95% RH.	
	Vibration	10 to 500Hz,2G,20min/sweep,peroid-1Hr,Each along X,Y,Z axes.	
Safety & EMC	Safety Standard	Designed to meet UL60950-1	
	Withstand Voltage	I/P-O/P : 2KVAC , I/P-Earth : 1.5KVAC , O/P-Earth : 500VDC.	
	Isolation Resistance	I/P-O/P , I/P-Earth , O/P-Earth : 100M Ohms / 500VDC.	
	EMI & EMC	Designed to meet EN55011	
Other	Enclosure Protection	IP-20	
	Cooling	Forced Cooling.	
	Dimension	284*223*72	
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25Deg.C. 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. 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-conformed that it still meets EMC directives.		
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