

Power Supply for Industrial PoE Switch HYU-NE-SW-PS130W001



Key Features

- 100% full load aging test
- Power Input: 90VAC-264VAC
- Wide operating ambient temp (-20°C-+65°C)
- High efficiency, long life time and high reliability
- Support over voltage, over current, over power, short circuit protection

Specifications

Model	HYU-NE-SW-PS130W001
Output	
Group of Output	1
DC Voltage	52VDC
Output Current Range	0-2.5A
Ripple Noise	$0 < T_a \leq 55^\circ\text{C} @ \leq 150\text{mVp-p}$, $-15 \leq T_a \leq 0^\circ\text{C} @ \leq 100\text{mVp-p}$
Voltage Regulation Accuracy	$\pm 1\%$
Source Adjustment	$\pm 1\%$
Load Regulation	$\pm 1\%$
Temperature Coefficient	$\pm 0.03\%/^\circ\text{C}$
Output Start Time	$\leq 3.0\text{S}$ (120VAC input, Full load), $\leq 2.0\text{S}$ (220VAC input, Full load)
Output Hold Time	$\geq 10\text{mS}$ (120VAC input, Full load), $\geq 20\text{mS}$ (220VAC input, Full load)
Voltage Overshoot	$< 5.0\%$
Input	
Input Voltage Range	90VAC-264VAC
Input Rated Voltage Range	100VAC-240VAC
Frequency Range	47Hz-63Hz
Efficiency	$> 91\%$
Input Current	$< 1.1\text{A}$
Start Inrush Current	$< 40\text{A}$ @300VAC Cold start
Leakage Current	Input to output $\leq 0.25\text{mA}$
Protection	
Output Over Power	156W-195W swing
Output Over Voltage	59V-60V swing
Output Over Current	3A-3.75A swing
Output Short Circuit	It can be short-circuited for a long time, and it can automatically recover after eliminating the short-circuit
Operation Environment	
Operation TEMP / Humidity	-20°C - 65°C , 20%-90%RH No condensing
Storage TEMP / Humidity	40°C - 85°C , 10%-95%RH No condensing
Temperature Coefficient	$\pm 0.03\%/^\circ\text{C}$ (0-50°C)
Vibration	Frequency range 10-500Hz, acceleration 2G, each sweep cycle 10min. 6 sweep cycles along the X, Y, and Z axes
Impact	Acceleration 20G, duration 11ms, 3 shocks along X, Y, and Z axis each
Altitude	2000m

Dimensions

