

### Description & Features

SIHD1245-24C-1U is a highly reliable power supply with 24 output channels. The case fits for standard 19" rack mount chassis. Its main output is 12 - 14V adjustable / 45A, with maximum 630W output power. Each channel can maximum output 14V / 1.875A with PTC fuse individually.



- High efficiency up to 88%, long life and high reliability
- Protection: input fuse / output fuse / overload / over voltage / short circuit
- Current and Voltage Meter Option
- Auto-Recovery PTC Fuse
- LED Indicator for Each Channel
- 100% full load burn-it test



### SPECIFICATION

<b>INPUT</b>	<b>Voltage Range</b>	190 - 240VAC		
	<b>Frequency Range</b>	50 - 60Hz		
	<b>Efficiency (Typ.)</b>	>88%		
<b>OUTPUT</b>	<b>Voltage</b>	12.5V (12 – 14V adjustable inside)		
	<b>Rated Current</b>	45A		
	<b>Rated Power (Max.)</b>	630W (under 14V output voltage)		
	<b>Ripple &amp; Noise</b>	<120mVp-p		
	<b>Line Regulation</b>	±2%		
	<b>Load Regulation</b>	±2%		
	<b>Output Channel</b>	24 channels		
<b>PROTECTION</b>	<b>Input Fuse</b>	18.9A / 250VAC		
	<b>Output Fuse</b>	2A per channel, recovers automatically after fault condition is removed.		
	<b>Overload</b>	54A ±5%	Hiccup mode, recovers automatically after fault condition is removed.	
		<b>Over Voltage</b>	16V ±5%	Hiccup mode, recovers automatically after fault condition is removed.
	<b>Short Circuit</b>	Hiccup mode, recovers automatically after fault condition is removed.		
<b>ENVIRONMENT</b>	<b>Temperature</b>	Working: -20 - 45°C	Storage: -30 - 80°C	
	<b>Humidity</b>	Working: 20 - 80%RH	Storage: 10 - 90%RH	
<b>LED Indication</b>	<b>Red (Input Switch)</b>	ON	AC working	
	<b>Green (Channel)</b>	ON	Output Channel Working	
<b>SAFETY &amp; EMC</b>	<b>EMC Standards</b>	EN 55022:2010, EN 55024:2010, EN 61000-3-2:2014, EN 61000-3-3:2013		
	<b>LVD Standards</b>	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013		
<b>DIMENSION &amp; PACKING</b>	<b>Product Dimension</b>	440 (H) *200 (W) *44 (D) mm		
	<b>Packing</b>	56.5 x 52.5 x 35.5cm / CTN, 23.5kg / CTN, 5pcs / CTN		