

Description & Features

SIHD1220-16C-1U is a highly reliable power supply with 16 output channels. The case fits for standard 19" rack mount chassis. Its main output is 12 - 14V adjustable / 20A, with maximum 280W output power. Each channel can maximum output 14V / 1.25A 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

INPUT	Voltage Range	190 - 240VAC		
	Frequency Range	50 - 60Hz		
	Efficiency (Typ.)	>88%		
OUTPUT	Voltage	12.5V (12 – 14V adjustable inside)		
	Rated Current	20A		
	Rated Power (Max.)	280W (under 14V output voltage)		
	Ripple & Noise	<120mVp-p		
	Line Regulation	±2%		
	Load Regulation	±2%		
	Output Channel	16 channels		
PROTECTION	Input Fuse	6.3A / 250VAC		
	Output Fuse	1.6A per channel, recovers automatically after fault condition is removed.		
	Overload	24A ±5%	Hiccup mode, recovers automatically after fault condition is removed.	
		Over Voltage	16V ±5%	Hiccup mode, recovers automatically after fault condition is removed.
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed.		
ENVIRONMENT	Temperature	Working: -20 - 45°C	Storage: -30 - 80°C	
	Humidity	Working: 20 - 80%RH	Storage: 10 - 90%RH	
LED Indication	Red (Input Switch)	ON	AC working	
	Green (Channel)	ON	Output Channel Working	
SAFETY & EMC	EMC Standards	EN 55022:2010, EN 55024:2010, EN 61000-3-2:2014, EN 61000-3-3:2013		
	LVD Standards	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013		
DIMENSION & PACKING	Product Dimension	440 (H) *200 (W) *44 (D) mm		
	Packing	56.5 x 52.5 x 35.5cm / CTN, 23.5kg / CTN, 5pcs / CTN		