ANDGOOD®

Rack Mount Power Supply

SIHD1230-16D-1U

Description & Features

SIHD1230-16D-1U is a highly reliable power supply with 16 output channels and Current/Voltage Meter. The case fits for standard 19" rack mount chassis. Its main output is 12 - 14V adjustable / 30A, with maximum 420W 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

CE RoHS COMPLIANT

SPECIFICATION

INPUT	**Voltage Range**	190 - 240VAC	
	Frequency Range	50 - 60Hz	
	Efficiency (Typ.)	>88%	
OUTPUT	**Voltage**	12.5V (12 – 14V adjustable inside)	
	Rated Current	30A	
	Rated Power (Max.)	420W (under 14V output voltage)	
	Ripple & Noise	<120mVp-p	
	Line Regulation	±2%	
	Load Regulation	±2%	
	Output Channel	16 channels	
	Output Current and Voltage Meter		
PROTECTION	**Input Fuse**	12.6A / 250VAC	
	Output Fuse	2A per channel, recovers automatically after fault condition is removed.	
	Overload	36A ±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℃	Storage: -30 - 80℃
	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	