

Description & Features

SIHD1220-16D-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 / 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 | |
| | Output Current and Voltage Meter | | |
| 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℃ | 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 | |