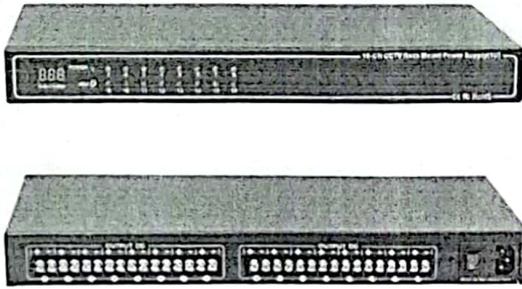


# SPECIFICATION & USER MANUAL - 16CH-1U RACKMOUNT POWER SUPPLY

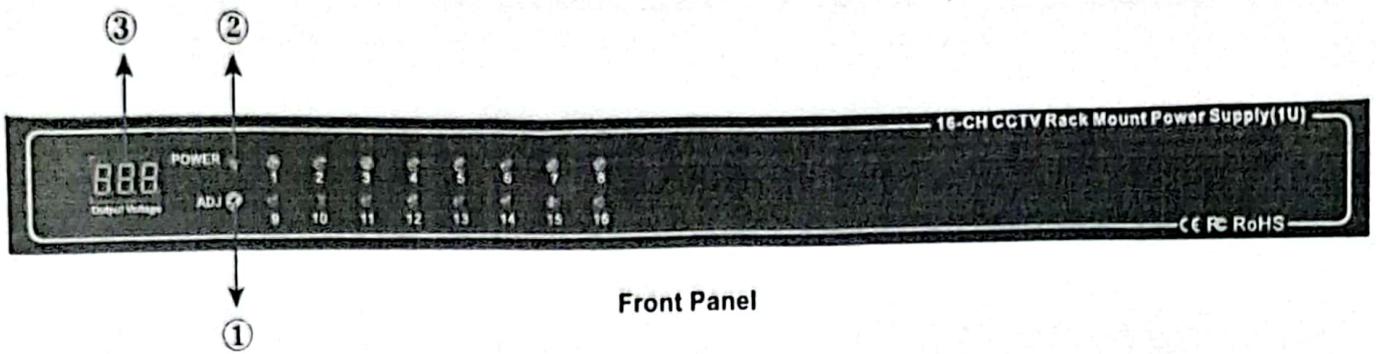


## Features:

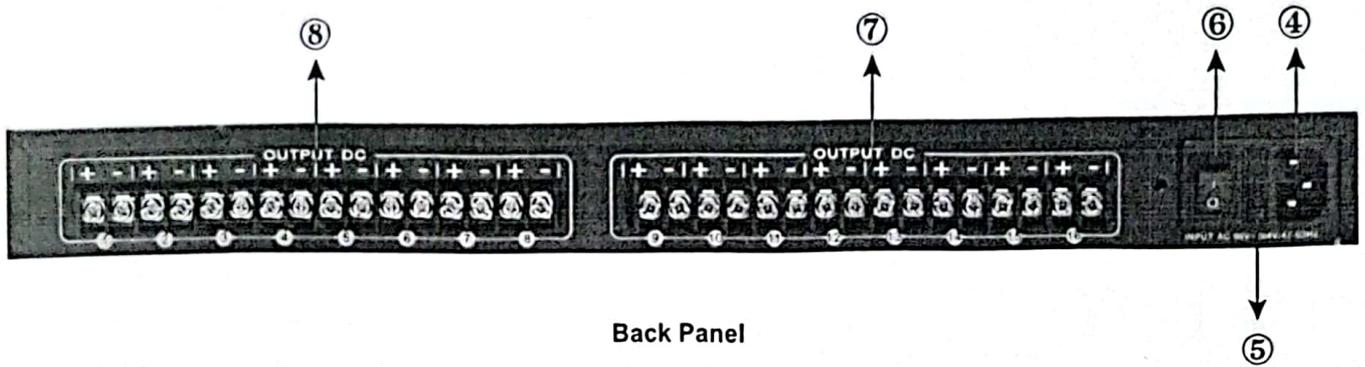
- Input range: 100~ 240VAC
- Output range: 11-15VDC  
16 individual thermal fuses - one for each channel. The thermal fuse automatically cut the power when short circuit, over current, overload occurs while keeping the other channels unaffected. Once the fault is removed - the fuse will restore power to the channel automatically.
- Cooling by free air convection
- Individual LED indicators
- Main fuse for extra protection.
- Rigid connection terminals.
- Built-in EMI wave filter, 100% full load burn-in test.
- High efficiency, long service life, high reliability
- Operating temperature: -30 C~70 C (40C 100% full load burn-in test, 70 C 70% full load burn-in test)

## Specification

Product Name		16CH-1U RACKMOUNT POWER SUPPLY
Output	DC Voltage	ADJ: ~11V - ~15V
	Rated Current	20A
	Current per Channel	1.35A
	Rated Power	240W
	Output Channels	16-CH
	Fuse Current	10A
	Voltage Accuracy	±1%
	Line Regulation	±1%
	Load Regulation	±2%
	Ripple & noise	≤120mVp-p
	Set-up Time & Hold up Time	Ton ≤ 1S, Td ≥ 20mS@230V
Input	Voltage Range	100-240VAC
	AC Current (Typ.)	< 10A
	Frequency Range	50- 60Hz
	Efficiency (Typ.)	≥ 80%
	Leakage Current	< 2mA
	Surge Protection	≤ 40A/240V
Protection	Over Load	120---150%
	Over Voltage	105-150% (rated output voltage)
	Shorted Circuit	Cut off output voltage, it will recover automatically when faults removed
Environment	Operating Temp.	-20---70 C
	Operating Hum.	20%---90% RH non-condensing
	Ingress Rating	NO
Safety & EMC	Safety Standards	IEC/EN/UL/CSA 60950 GB4943
	Withstand Voltage	IP-O/P:1.5KV, IP-FG:1.5KV, O/P-FG0.5KVAC 30S
	EMC Immunity & Emission	EN61000-4-2, 3,4,5,6,8,11,EN61000-3-2, 3,EN55022 CLASS B
Others	Size (L*W*H)	439.7*210.1*44 (mm)
	Package	Packaged with white box
	Net Weight	3.4KG



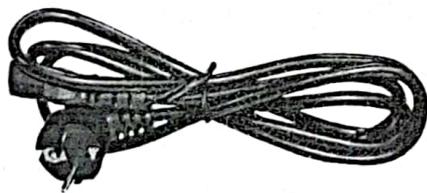
Front Panel



Back Panel

- ①. Adjustable output voltage(ADJ): The output voltage could be adjusted to fit the installation needs. The available range is  $\sim 11.0V$  to  $\sim 15.0V$ . The adjustment is done by gently rotating the potentiometer using a screwdriver.
- ②. AC Power Indicator: LED indicating that the unit is working normally.
- ③. Output Voltage display: Displays the current voltage output. Will be changed accordingly when adjusting the output.
- ④. AC Plug: 96- 264V AC Input, 47-63Hz
- ⑤. AC Fuse Block: Replaceable 10A glass fuse. Replace it by removing the AC plug and pulling the fuse compartment using a small screwdriver.
- ⑥. Power Switch: Use it to turn the device on/off
- ⑦ & ⑧. DC Output blocks. Please pay attention to "+/-" when connecting the end devices.

**Package Contents:**



Power Cable  
(Picture for reference only)



Rack Mount  
and fitting screws



Silicone Pads



Small Screwdriver



Tube Fuses