

ADA-8000



75W/12-24V UNIVERSAL POWER SUPPLY

20% design in balance
75W=90W Power supply



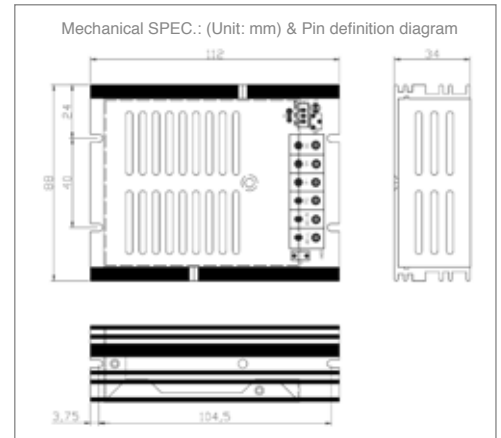
Key Advantages:

- AC input range: 90-320Vac
- AC input voltage protection (275Vac protected)
- Lightning stroke protection (MOV inside)
- Electricity shock protection (NTC inside)
- Over Load protection
- Over Current Protection
- Over Voltage Protection
- Over wattage Protection
- LED indicator for power on
- All using 105 long life electrolytic capacitors
- No load power consumption <0.5W



75 Watt Open Frame Power Supply

* Strong Aluminum housing to keep power supply cool and Cooling by free air convection



DC OUTPUT Specifications

G-LENZ REAL POWER ADAPTOR 8A ADA-8000

Output	DC Voltage	12V-24V (Voltage change by Turning Resistor)	
	Rated current	6.5A ~ 3.0A (Max. 8A)	
	Rated Wattage	75W (90W max.)	
	Voltage Adj. Range	12V-24V (11.5-24.5V)	
	Voltage Tolerance Range	±3%	
	Ripple & Noise	150mV@24V output, 80mV@12V output	
	Line Regulation	±1%	
	Load Regulation	±3%	
	Setup, Rise, Hold Time	500ms, 30ms, 50ms /230VAC	Open Connector: 40mA max current
Input	Voltage Range	100 ~ 240Vac Max. Range:90-264Vac & 150-380VDC	
	Frequency Range	47 ~ 63Hz	
	Efficiency (type)	≥89%	
	AC current	1.4A@100Vac	
	Inrush Current (Max.)	60 Amps Max.	
	Leakage Current	0.25mA Max.@240Vac input.	
Protection	Over load	75W +20% @ rated output power. It shall be recovered automatically after fault condition removed	
	Over Voltage	15%-30% It shall be recovered automatically after fault condition removed	
Environment	Working Temperature	-10°C to +50°C	
	Working Humidity	20%~90% RH non-condensing	
	Storage Temperature	-20°C to +85°C	
	Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X,Y,Z axes	
Safety&EMC	Safety Standards	EN60950-1	
	Withstand Voltage	Primary to secondary: 3000V/5mA/60S for type test.	
	Isolation Resistance	Primary to secondary: 10MΩ min at 500V DC.	
	EMI & Radiation	N55022 class B rules	
	Harmonic Current	Compliance to EN61000-3-2,-3	
	EMS Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 8,11, ENV50204, EN55024,	
Others	MTBF	50,000Hours. MIL-HDBK-217(25°C)	
	Dimension (mm)	112*88*34mm	
	Weight	280g	