

# ADA-4000



## 36W/12-24V UNIVERSAL POWER SUPPLY

20% design in balance  
36W=42W Power supply

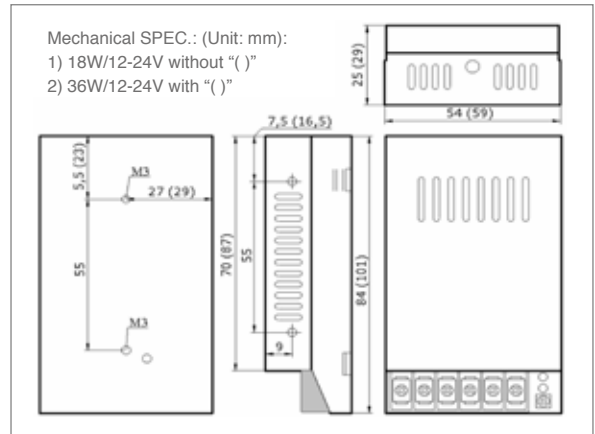
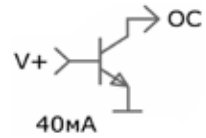


### Key Advantages:

- 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

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

OC (Open Connector)



### DC OUTPUT Specifications

G-LENZ REAL POWER ADAPTOR 4A ADA-4000		
Output	DC Voltage	12V-24V (Voltage change by Turning Resistor)
	Rated current	3.0A ~ 1.5A (Max.4.2A)
	Rated Wattage	36W (48W max.)
	Voltage Adj. Range	12V-24V (11.5-24.5V)
	Voltage Tolerance Range	±3%
	Ripple & Noise	120mV@24V output, 60mV@12V output
	Line Regulation	±1%
	Load Regulation	±3%
	Setup, Rise, Hold Time	500ms, 30ms, 50ms /230VAC
Input	Voltage Range	100 ~ 240Vac Max. Range:90-264Vac & 150-380VDC
	Frequency Range	47 ~ 63Hz
	Efficiency (type)	≥85%
	AC current	0.85A@100Vac
	Inrush Current (Max.)	40 Amps Max.
	Leakage Current	0.2mA Max.@240Vac input.
Protection	Over load	38W +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℃ to +50℃
	Working Humidity	20%~90% RH non-condensing
	Storage Temperature	-20℃ to +85℃
	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℃)
	Dimension (mm)	101*59*29MM
	Weight	150g