



## N2Power XL275 AC-DC Enclosed High Efficiency Power Supplies

### HIGHLIGHTS

- 275 W AC-DC
- High efficiency (up to 91%)
- Available Models: 12 V – 56 V
- Universal AC Input
- Active PFC (90 – 264 VAC)
- Integral Cooling Fan
- 5 V Standby Output
- IEC Inlet Filter
- On/Off Switch
- Inrush Current Limiter

### REPEATABLE QUALITY

We use advanced PCB technology to and best performance in the industry. Our packaging design incorporates SMT technology to automate processes, ensure reliability, and reduce cost. Each power supply undergoes a complete functional test and a multi-hour burn-in to insure that every unit meets our stringent quality requirements. Detailed statistical production records are maintained and rigid quality and AVL control insures the highest quality product available.

### PFC SAVES ENERGY

Many countries already require Power Factor Corrected (PFC) power supplies, which lessen loads at generating stations. The XL275 enclosed power supply incorporates a patented active PFC technology with universal input to provide superior efficiency. Comparisons show that our supplies can reduce consumption up to 50%.

### OUTPUTS


The XL275 can be customized to deliver a wide range of outputs from 12 V to 56 V to suit OEM requirements. Contact us regarding custom and modified standard supplies for unique applications.

## A POWER SUPPLY DESIGN LEADER

**N2Power** leads the power density race with its high efficiency XL275 AC-DC enclosed power supplies, which provide up to 91% efficiency. In fact, comparisons of efficiencies show that our supplies can reduce energy losses by up to 50%. Our advanced technology yields a very small footprint and offers the highest power density in its class. This unique design also generates less wasted heat—reducing the need for forced air cooling, decreasing AC power consumption, increasing reliability, and maximizing its economy of operation. By building our power supplies with a focus on maximizing efficiency, we can provide our valued customers with reduced energy costs, longer product lifespans, and a greater return on their investment.

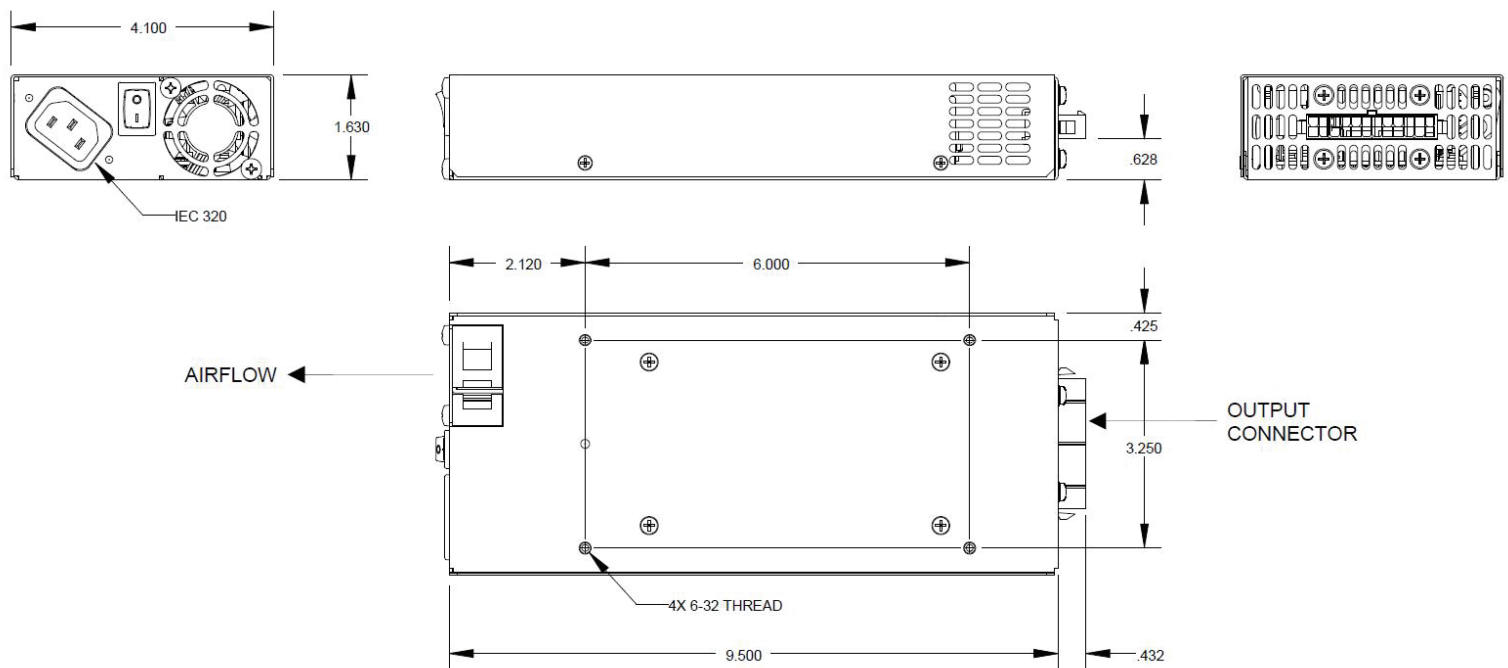
**Contact us regarding custom and modified  
standard supplies for unique applications.**

# N2Power XL275 AC-DC Enclosed High Efficiency Power Supplies

ENCLOSURE OUTPUT CONNECTOR SPECIFICATIONS								
	PIN	SIGNAL	PIN	SIGNAL	PIN	SIGNAL	PIN	SIGNAL
	1	PG	7	+V1	13	V1 ISHARE	19	V1 RTN
	2	V1 TRIM	8	+V1	14	V2 / V3 RTN	20	V1 RTN
	3	+V2 (12V)	9	+V1	15	+V3 (+5Vsb)	21	V1 RTN
	4	-12V FAN	10	+V1	16	RE	22	V1 RTN
	5	+12V FAN	11	+V1	17	FAN TACK	23	V1 RTN
	6	+V1 SEN	12	+V1	18	-V1 SEN	24	V1 RTN
Connector is Molex P/N 0039012246 — Mating connector is Molex P/N 0039012240								

Model	XL275-12 CS	XL275-24 CS	XL275-48 CS	XL275-54 CS	XL275-56 CS
+V1	12V	24V	48V	54V	56V
Part Number	400100-06-1	400100-07-9	400100-08-7	400100-09-5	400100-10-3

See the XL275 Engineering Specification for complete information



Every effort has been made to keep the information contained in this document current and accurate as of the date of publication or revision. However, no guarantee is given or implied that the document is error-free or that it is accurate with regard to any specification. N2Power reserves the right to change specifications without notice.

Contact us regarding custom and modified standard supplies for unique applications.  
For complete specifications on all models, please visit our website at [N2Power.com](http://N2Power.com)

All information and specifications are based on our knowledge of the products at the time of printing.  
N2Power reserves the right to change specifications without notice.

© Copyright 2020 | Qualstar Corporation | All rights reserved



**N2Power™**

Call 805.583.7744

[N2Power.com](http://N2Power.com)

Rev051520