

- **275W AC-DC**
- **AVAILABLE MODELS: 12V - 56V**
- **UP TO 91% EFFICIENCY**
- **UNIVERSAL AC INPUT**
- **ACTIVE PFC (90 – 264 VAC)**
- **INTEGRAL COOLING FAN**
- **5V STANDBY OUTPUT**
- **IEC INLET FILTER**
- **ON/OFF SWITCH**
- **INRUSH CURRENT LIMITER**



POWER SUPPLY DESIGN LEADER

N2Power™ continues to lead the power efficiency race with its XL275 AC-DC enclosed power supply. Our patented technology reduces wasted power and reduces energy costs, generating a higher return on your investment through greater reliability and longer product life.

OPTIMIZED FOR LOW HEAT DISSIPATION

The XL275 provides up to 91% efficiency in an AC-DC power supply. Our unique design reduces energy consumption and generates less wasted heat. It decreases AC loads, increases reliability and economy of operation. For installations where there are many power supplies in use such as server farms, the reduction in heat will result in lower electricity costs. In addition to direct savings on electricity, the XL275 will contribute to reducing the cost of air conditioning.

OUTPUTS

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

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%.

REPEATABLE QUALITY

We use advanced PCB technology to deliver the highest density 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.

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 (+5V SB)	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

