

GLOBAL INTERFACE SIGNALS -N and -N2 Option Models (see application note for details)	
Remote on/off	TTL logic level high will inhibit all outputs (except Standby)
Power Good	Open collector output (referenced to PSU 0V)
Standby Supply	Isolated supply, not affected by remote on/off -N option = 5V / 2A (2.5A peak). -N2 Option = 13.5V / 1A

GLOBAL INTERFACE SIGNALS -N3 Option Models (see application note for details)	
ATX Remote on/off	TTL logic level high or open circuit will inhibit all outputs (except Standby)
ATX Power Good	Logic high indicates ac supply is good and output 1 is within regulation.
Standby Supply	5V / 2A (2.5A peak). Common 0V with power supply. Not affected by ATX remote on/off

ISOLATION		
Input to Output	Reinforced	4.3kV (dc)
Input to Earth	Basic	2.3 kV (dc)
Output to Earth		200 V (dc)

IMMUNITY EN61000-6-2:2001				Criteria
Electrostatic Discharge	EN61000-4-2	Level 3	Air discharge 8kV Contact discharge 4kV	A
Electromagnetic Field	EN61000-4-3	Level 3	(12V/m)	A
Fast / Burst Transient	EN61000-4-4	Level 4	(tested to 4.4kV)	A
Surge Immunity	EN61000-4-5	Level 3	Common mode to 2.2kV Differential mode to 1.1kV	A
Conducted RF Immunity	EN61000-4-6	Level 3	(12V)	A
Power Frequency Magnetic Field	EN61000-4-8	Level 4	(30A/m)	A
Voltage Dips, Variations, Interruptions	EN61000-4-11	Pass		

EMISSIONS EN61000-6-3:2001		
Radiated Electric Field	EN55022	(as per CISPR.22) Class A, Class B see application note for details
Conducted Emissions	EN55022	Class B (as per CISPR.22)
Conducted Harmonics	EN61000-3-2	Compliant
Flicker	EN61000-3-3	Compliant

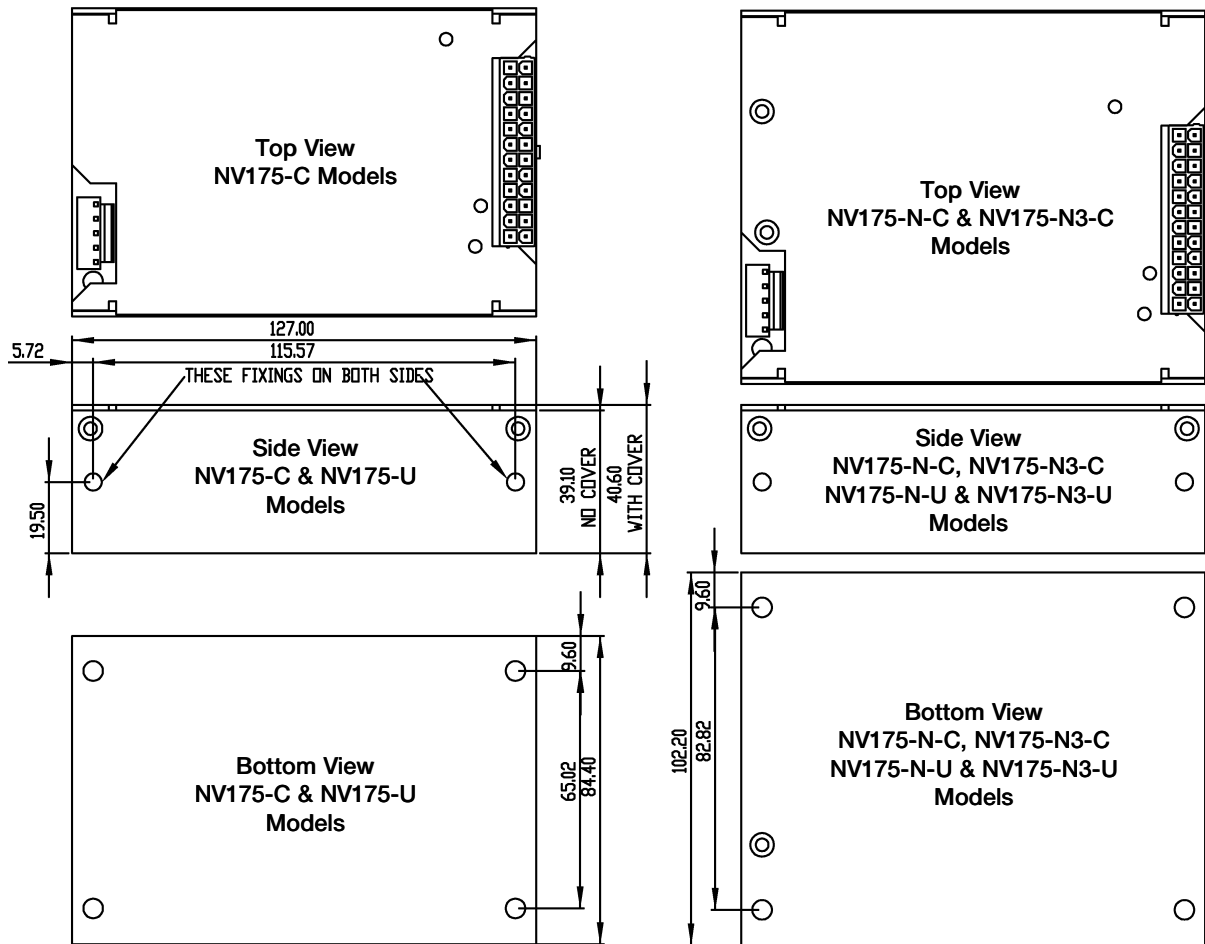
ENVIRONMENT	
Temperature	0 to 50°C operational, -40°C to 85°C storage (max 12 months) Full load with 2m/s air blown from input to output
Convection Rating	See Application note for details
Derating	50 to 70°C derate each output by 2.5% per °C
Low Temperature Start	-20°C
Humidity	5 - 95% RH non condensing
Shock	±3 x 30g shocks in each plane, total 18 shocks 30g shock = 11ms (+/-0.5msec), half sine Conforms to EN60068-2-27, EN60068-2-47, IEC68-2-27, IEC68-2-47, JIS C0041-1987. Conforms to MIL-STD-810E/F, Method 514.4, Pro I, Cat 1,9
Vibration	Single axis 10 - 500 Hz at 2g (sweep and endurance at resonance) in all 3 planes Conforms to EN60068-2-6, IEC68-2-6 Conforms to MIL-STD-810E, Method 516.5, Pro I, IV, VI
Altitude	3,000 metres operational
Pollution	Degree 2, Material group 3

SAFETY APPROVALS

	Date	Amendments		Date	Amendments
EN 60950-1	2001		EN 61010-1	2001	
UL 60950-1	2003		IEC 61010-1*	2001	
CSA 22.2 No 60950-1	2003		IEC 60601-1	1988	
IEC 60950-1*	2001		EN 60601-1	1990	A1:1991, A2:1995
CE Mark	LV Directive 72/23/EEC(EN60950-1:2001)		UL 60601-1	2001	A1:1993, A2:1995, A13:1996
* CB certificate and Report available on request			Check with factory for status of approvals		

OUTLINE & CONNECTION DRAWINGS

All drawings relate to both 175W and 180W versions



- Notes**
1. All customer fixings M3
 2. Maximum Penetration 4.5mm
 3. Maximum torque 0.9Nm
 4. All tolerances +/-0.5mm