

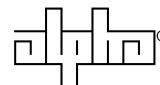
Power

Novus II Outdoor UPS System



- Complete conditioning & backup ensures clean, reliable power
- Protection for outdoor installations and parking applications
- Pole, host and pedestal mounting configurations
- Intelligent boost operation provides stable output during low voltage conditions
- Weather-resistant enclosure and components ensure performance
- Over one million Alpha power installations worldwide

The Novus II is a reliable, outdoor adaptation of Alpha's proven line interactive UPS systems. It is available in three different mounting configurations and a rugged, outdoor, lockable housing. Advanced features include the Intelligent Boost Operation for stable output during low voltage or brownout conditions. Full status monitoring, relay output control signals, and optional RS-232/ASCII communications provide added flexibility and security.



Novus II

Nominal Specifications

Input/Output Voltage (VAC):	230	120
Input/Output Frequency (Hz):	50Hz	60Hz
Input Current (A):	6	12
Input Voltage Range:	-23 to 17%	-23 to 17%

General Specifications

Output

Output Power:	1250VA/875W
Output Voltage:	120/230VAC
Output Voltage Regulation:	5%
Voltage Waveform:	Pure sine wave
Typical Efficiency:	95 to 97%
Typical Output Voltage THD:	<4%
Transfer Time:	2 to 4ms

Battery Charger

Max. Charge Current (ADC):	3.5
Typical Battery Runtime @ 50W:	4 to 4.5hrs
Typical Battery Recharge:	5hrs

Environment

Operating Temperature:	-35 to 45°C
Audible Noise at 1m:	<32dbA

Mechanical

Width (in/mm):	8.5/216
Height (in/mm):	26/660
Depth (in/mm):	8.5/216
Weight (lb/kg):	68/76
Finish:	Powder coat over galvanized steel

Agency Compliance

Lightning/Surge Protection:	Passes ANSI/IEEE C.62.41/C.62.45 Cat A & B
Safety:	EN50091-1
Low Voltage:	EN50091-2
Warranty:	24 months

Applications

Novus Power Systems are available in three different mounting configurations providing effective backup power for a wide variety of powering applications, including:

- Telecommunications
- Public Utility Equipment
- Access Control Devices
- Security Systems

Standard Features

Transient voltage protection from damaging line spikes
Low harmonic AC sine wave Output
Intelligent boost operation for brownout protection
Noise suppression, FCC Class A
Multiple mounting configurations
Rugged, outdoor weather resistant construction
Lockable enclosure
UL/CSA listed

Power Conditioning

Intelligent boost operation increases output voltage 12% if input voltage falls between -17 to 23% of nominal

Mounting Options

- Pole and Wall Mounting
 - Hardware for pole and wall mounting allows flexible installation configurations
- Host Equipment Mounting
 - Bracket hardware and conduit knockouts are standard features which simplify mounting on host equipment
- Pedestal Mounting
 - An optional pedestal mount places the Novus Micro Tower System near the equipment it protects

For more information visit www.alpha.com

Alpha Technologies United States Bellingham, Washington Tel: 360 647 2360 Fax: 360 671 4936
Canada Burnaby, British Columbia Tel: 604 430 1476 Fax: 604 430 8908

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