

Noel Mega Power Series online UPS - Three Phase Input / Single Phase Output



NM Series 10~40KVA

Application:

IT / ITES
Hospitals
Telecom / Colour Labs
ATM Machines / POS System
Pharmaceutical
Textile Industry
Banking / Finance / Insurance



ETDC
Certified

600K
Installations

Adoption of IGBT Inverter & rectifier, saves energy & coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantage of noise rejection as well as clean and safe neutral line to the load.

Features:

- ◆ True Online Double Conversion design
- ◆ Output Isolation transformer
- ◆ Wide input Voltage Range
- ◆ User Friendly Digital LCD Display
- ◆ Cold Start Function
- ◆ High Crest Factor Circuit Design
- ◆ Advanced Battery Management
- ◆ Inbuilt High-Rated Charger to enable Battery Back up to 2-10 Hrs.
- ◆ IGBT based charger for smart battery Management & improved input power factor

Rear Panel

1. Fan
2. Input Breaker
3. Battery Breaker
4. Maintenance Bypass breaker
- 5 Terminal



Front LCD Display



- Wide input frequency range ensures all types of fuel generators are compatible.
- Optimized Performance of battery
- Advanced floating switching and charging technology maximizes the activation of the battery, thus saves the charging time and extends the battery life
- Battery cold start function.
- The UPS can be started Directly by Battery bank with no utility power.
- Comprehensive and reliable protection self-diagnosis function before start-up avoids the risks of failure.
- Inbuilt protection from overload, short circuit, over temperature. battery
- Short circuit, over temperature. battery under voltage, battery over voltage ensures the system stability and reliability
- Solar Compatibility (Optional)
- Static bypass(optional)

▶ Technical Specifications of NM Series 10~40KVA

MODEL	NM3110L16	NM3110L20	NM3115L20	NM3115L30	NM3120L30	NM3130L30	NM3140L32
Capacity (KVA)	10		15		20	30	40
INPUT							
Voltage Range	285V~470V @100% Load, Three Phase (4 Wire)						
Frequency Range (Hz)	50Hz ±10%						
Power Factor	≥ 0.95						
OUTPUT							
Power Factor	0.8 (Standard)/ 0.9 Optional						
Voltage (V)	220V/230V/240V ±1% (Configurable)						
Frequency (Hz)	50Hz ±0.1%						
Waveform	Pure Sine Wave						
THDv	< 3%						
Overload	≤125% for 10 Min, ≥125% for 60 Sec., 150% for 1 sec						
Efficiency	Up to 94%						
Isolation Transformer	Inbuilt Isolation Transformer						
BATTERY							
Battery Voltage	192V DC		240V DC		360V DC, (Optional 192/240DC)		
Charging Current (Max)	1A ~ 10A Standard (High Rating Optional)						
Charging Time	< 10 Hrs. to 95%						
SYSTEM FEATURES							
Display	LCD	Input and Output Voltage, Input and Output Frequency, Load & Battery %					
	LED	Mains, AC Mode, DC Mode, Low Battery, Overload					
Alarm	Battery Low Voltage, Abnormal Power Supply, UPS Failure, Overload						
Protection	Battery Low Voltage, Overload, Short Circuit and Over Temperature						
ENVIRONMENTAL							
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C						
Humidity / Altitude							
Noise	Low Noise Level						
STANDARDS							
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, BIS, RoHS						
Safety	IEC/EN62040-1						
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE						
PHYSICAL							
Dimension WxDxH (mm)	330x670x800				400x860x960		
Weight (Kg)	88		117		150		185
COMMUNICATION INTERFACE							
Optional	SNMP / ModBus / Dry Contact / USB / RS-485 / RS-232						
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000						

*Specifications are subject to change without prior notice.

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