



10 kVA

# NEOLINE 3L SERIES

UNINTERRUPTIBLE POWER SUPPLIES

3 phase in / 1 phase out

## GENERAL SPECIFICATIONS

- 0.9 output power factor
- 0.99 input power factor
- Three phase input model support three phase PFC
- Input THDI < 5%
- Output voltage regulation 1%
- Output frequency regulation 0.1%
- The efficiency up to 94%
- Efficiency up to 93.5% when take the 30% load
- ECO mode efficiency up to 98%
- Battery voltage can be choice depend on capacity
- Convenience to get more back up time
- Convenience to save cost of battery
- Intelligent battery monitors
- Standant charge current 4A
- Adjustable charge current
- Optional 8A charger
- Support maximum 3 units for parallel working
- Support three phase input or single phase input for three phase UPS
- Super wide input voltage and frequency range suitable for bad power electirc environment
- Digital control DSP technology and best power component make the system safe and reliable





# 10 kVA TECHNICAL SPECIFICATIONS



|                               |   |
|-------------------------------|---|
| <b>MODEL</b>                  | <b>NEOLINE 3L 210</b>   |
| Rated Power                   | 10KVA/9KW   |
| Rated Voltage                 | 220VAC/380VAC 3phase with ground  |
| Rated Frequency               | 40-70 Hz (50/60 Auto-sense)   |
| <b>INPUT</b>                  | <b>110 ~ 276VAC</b>   |
| Voltage Range                 | Single phase: 120 ~ 275VAC ( 176-275VAC full load ) Three phase: 209-475VAC ( 304-475VAC full load) |
| Power factor                  | > 0.95 (Three phase)  |
| <b>OUTPUT</b>                 |   |
| Voltage Regulation            | 208/220/230/240VAC (±1%)  |
| Frequency Regulation          | 50/60HZ±0.05 Hz   |
| Power Factor                  | 0.9   |
| Voltage Distortion            | Linear load < 2% ,Non-Linear load < 5%  |
| Overload Capability           | 105% ~ 125% for 10min; 125% ~ 150% for 30s,>150% for 500 ms   |
| Current Crest Ratio           | 3:1   |
| Transfer Time                 | 0ms (AC mode→Battery mode)  |
| <b>BATTERY</b>                |   |
| DC Voltage                    | 192VDC  |
| Recharge Current              | 4A  |
| <b>DISPLAY</b>                |   |
| LCD                           | Display input/output Voltage, Frequency, Battery voltag, Battery capacity, Loading rate.            |
| <b>COMMUNICATION</b>          |   |
| Interface                     | Smart RS232, SNMP card (optional) USB (optional)  |
| <b>ENVIRONMENT</b>            |   |
| Operation Temperature         | 0~40°C  |
| Humidity                      | 0-95% (Non-condensing)  |
| Storage Temperature           | -25°C~55°C  |
| Sea Level Elevation           | < 1500m   |
| Acoustic noise                | < 55dBA   |
| <b>PHYSICS CHARACTERISTIC</b> |   |
| Weight (kg)                   | 16.9  |
| Dimensions :(HxWxD) mm        | 500x212x420   |