# NEHRL11 Series - Rack Online UPS
# 15 kVA (200 VAC / 208 VAC / 220 VAC)

**Nova Electric's NEHRL11-Series Rack is a double conversion True Online UPS fully controlled by DSP technology. With its flexible configuration of 3/3 and/or 3/1, and a compact design, it is the ideal choice for the modern data center.**



## APPLICATIONS

- Internet Data Centers
- Network Servers and work stations
- Control Systems
- Communication Systems
- Office Applications

## FEATURES

### • *Rack Design*

Rack design, compatible with 19" standard rack cabinet, convenient to be integrated with servers.

### • *Friendly Interface*

5.5" touch color LCD with graphic display, more information is displayed and it is easier for the customer to operate.

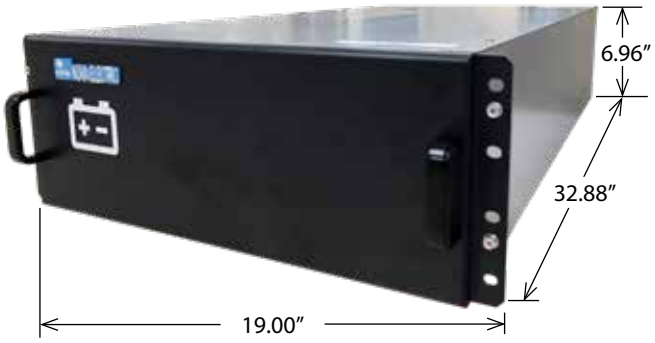
### • *Flexible Configuration*

The system can be configured to 3 phase in/out or 3 phase in single phase out

### • *Intelligent Charging Management*

The system intelligently controls the whole process of charging and discharging the battery, effectively improving the life expectancy of the battery.

## BATTERY DRAWER




***NEHRL-BP-240***

The NEHRL-BP-240 matching Battery Pack contains 4 front panel pull out trays which each contain 10 high rate 9AH VRLA Batteries.
The overall battery assembly contains two rear mounted circuit breakers, and two rear mounted connectors to connect to the UPS.

*For more information, please visit us at **www.novaelectric.com** or email us at **novasales@theallpower.com***

**NOVA ELECTRIC** *Leader in power conversion technology since 1966*
100 School Street, Bergenfield, NJ 07621 • Phone: (201) 385 - 0500 Fax: (201) 385 - 0702

AS 9100 BUREAU VERITAS Certification Certificate No: US008267-1

MADE IN USA

# NEHRL11 Series - Rack Online UPS
# 15 kVA (200 V / 208 V / 220 V)

| | |
|---|---|
| ***MODEL (TYPICAL)*** | NEHRL11-15K3/6-120/208-120/208 |
| ***CAPACITY*** | 15 kVA / 15 kW |
| ***MAIN*** | |
| ***INPUT*** | 3P + N + GND |
| ***NOMINAL VOLTAGE*** | 200 / 208 / 220 VAC (Line to Line) |
| ***NOMINAL FREQUENCY*** | 50 / 60 Hz |
| ***INPUT VOLTAGE RANGE*** | 166 ~ 261 VAC (Line to Line), full load; 125 V ~ 166 VAC (Line to Line), derate from 75% to 100% load |
| ***INPUT FREQUENCY RANGE*** | 40 Hz ~ 70 Hz |
| ***INPUT PF*** | > 0.99 @ Full Load |
| ***INPUT THD-i*** | < 3% (100% Linear Load) |
| ***BYPASS*** | |
| ***NOMINAL VOLTAGE*** | 200 / 208 / 220 VAC (Line to Line) |
| ***NOMINAL FREQUENCY*** | 50 / 60 Hz |
| ***INPUT VOLTAGE RANGE*** | Settable, -40% ~ +25% |
| ***BYPASS FREQUENCY RANGE*** | Settable, ±1 Hz, ±3 Hz, ±5 Hz |
| ***BYPASS OVERLOAD*** | 110%, long term; 125%, 5 min; 150%, 1 min; >150%, 1 sec |
| ***OUTPUT*** | |
| ***NOMINAL VOLTAGE*** | 200 / 208 / 220 VAC (Line to Line) |
| ***NOMINAL FREQUENCY*** | 50 / 60 Hz |
| ***OUTPUT PF*** | 1 |
| ***OUTPUT THD*** | <1%, Linear Load; <6%, Non-linear load (IEC/EN62040-3) |
| ***INVERTER OVERLOAD*** | 110 % for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200 ms |
| ***BATTERY*** | |
| BATTERY VOLTAGE (NOMINAL) | ± 120 VDC |
| ***CHARGING ACCURACY*** | 1% |
| ***CHARGING CAPACITY*** | up to 20% *of Output Power Rating |
| ***BATTERY COLD START*** | Yes |
| ***EFFICIENCY*** | |
| ***AC MODE*** | > 96.0% |
| ***BATTERY MODE*** | >95.5% |
| ***SYSTEM*** | |
| ***DISPLAY*** | LED + LCD Touch Screen |
| ***INTERFACE*** | RS232, RS485, Programmable Dry Contact |
| ***OPTION*** | SNMP Card, Parallel, SPD |
| ***ENVIRONMENT*** | |
| ***OPERATION TEMPERATURE*** | 0 ~ 40°C |
| ***STORAGE TEMPERATURE*** | -40 ~ 70°C |
| ***RELATIVE HUMIDITY*** | 0 ~ 95% Non Condensing |
| ***NOISE (1 METER)*** | 65 dB @100% load, 62 dB @ 45% load |
| ***PHYSICAL DATA*** | |
| ***DIMENSIONS W * D * H [mm]*** | UPS: 19.10" x 34.85" x 5.12" [485 x 885 x 130] / BATTERY: 19" x 32.88" x 6.96" [48.26 x 83.51 x 17.68] |
| ***WEIGHT [kg]*** | UPS: ~ 55 lbs [25 kg] / BATTERY: ~ 250 lbs [113.4 kg] |

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