



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





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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