

NXT Power LLC.  
1070 South Northpoint Blvd (Unit D)  
Waukegan, IL 60085  
877-698-7697  
[www.nxtpower.com](http://www.nxtpower.com)

NXT Power Model: NPU80.0-H-N (480), 80 kVA UPS rectifier inverter section

The UPS consists of one enclosure that includes: Touch screen display, rectifier, Inverter, static bypass and circuit breakers.

- UPS input voltage: 480 VAC, 3-phase, 3 wire plus ground
- UPS output voltage: 480 VAC 3-phase, 3 wire plus ground
- Fixed capacity: 80 kVA / 80 kW
- Native output voltage: 480 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 96 % in on-line mode and >99% in eco mode.
- 13,650 BTU at full load
- Modes of operation: Double conversion or ECO mode.
- Unity power factor rating. UPS can deliver more usable power.
- Load support loads from 0.5 lagging to unity
- Rated short time withstand current (Icw): 65 kA
- Rectifier: Active power factor correcting IGBT input converter
- Inverter: Pulse Width Modulation (PWM) IGBT inverter
- Automatic recovery: Returns to inverter operation after an overload.
- Digital Signal Processing: UPS operation and power conversion handled by advanced microprocessor.
- Static bypass: Continuous duty switch
- Display: Full color touch screen display with LED warning lights.
- Temperature compensated battery charging
- Cable entry: Top
- EOP: Local EOP input
- Enclosure: IP20
- Weight with internal batteries: 273 kg / 600 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: UL listed to UL1778
- UPS service access: Front
- DC Bus nominal voltage: 480 VDC +/-
- Run time: Dependent on battery configuration.
- UPS Warranty: 2 years

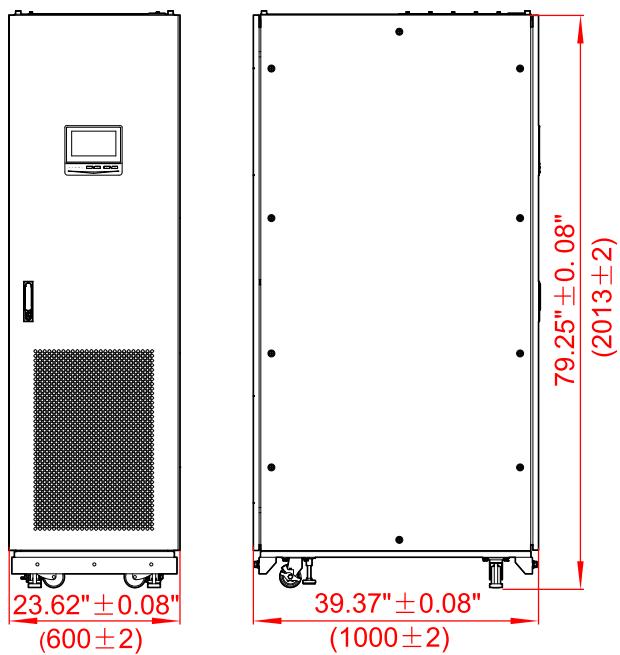


Fig 1: All dimensions shown: in / mm.

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NXT Power Model: NPU100.0-H-N (480), 100 kVA UPS rectifier inverter section

The UPS consists of one enclosure that includes: Touch screen display, rectifier, Inverter, static bypass and circuit breakers.

- UPS input voltage: 480 VAC, 3-phase, 3 wire plus ground
- UPS output voltage: 480 VAC 3-phase, 3 wire plus ground
- Fixed capacity: 100 kVA / 100 kW
- Native output voltage: 480 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 96 % in on-line mode and >99% in eco mode.
- 13,650 BTU at full load
- Modes of operation: Double conversion or ECO mode.
- Unity power factor rating. UPS can deliver more usable power.
- Load support loads from 0.5 lagging to unity
- Rated short time withstand current (Icw): 65 kA
- Rectifier: Active power factor correcting IGBT input converter
- Inverter: Pulse Width Modulation (PWM) IGBT inverter
- Automatic recovery: Returns to inverter operation after an overload.
- Digital Signal Processing: UPS operation and power conversion handled by advanced microprocessor.
- Static bypass: Continuous duty switch
- Display: Full color touch screen display with LED warning lights.
- Temperature compensated battery charging
- Cable entry: Top
- EOP: Local EOP input
- Enclosure: IP20
- Weight with internal batteries: 273 kg / 600 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: UL listed to UL1778
- UPS service access: Front
- DC Bus nominal voltage: 480 VDC +/-
- Run time: Dependent on battery configuration.
- UPS Warranty: 2 years

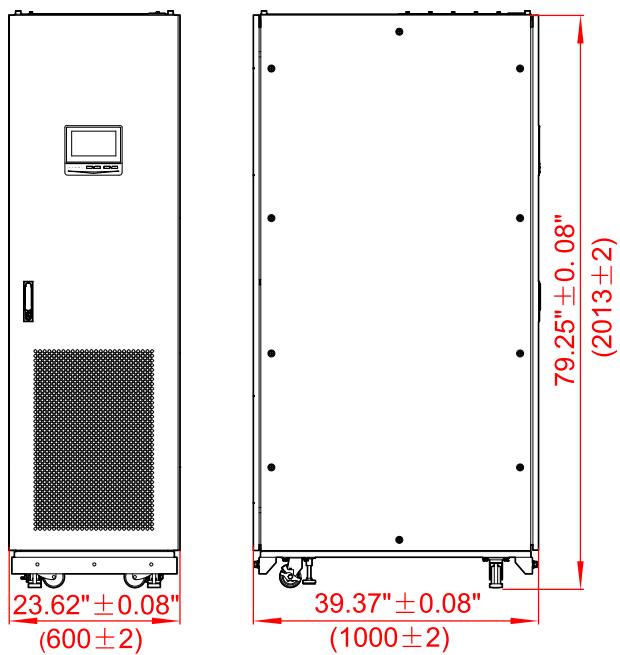


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NXT Power Model: NPU135.0-H-N (480), 135 kVA UPS rectifier inverter section

The UPS consists of one enclosure that includes: Touch screen display, rectifier, Inverter, static bypass and circuit breakers.

- UPS input voltage: 480 VAC, 3-phase, 3 wire plus ground
- UPS output voltage: 480 VAC 3-phase, 3 wire plus ground
- Fixed capacity: 135 kVA / 135 kW
- Native output voltage: 480 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 96 % in on-line mode and >99% in eco mode.
- 18,400 BTU at full load
- Modes of operation: Double conversion or ECO mode.
- Unity power factor rating. UPS can deliver more usable power.
- Load support loads from 0.5 lagging to unity
- Rated short time withstand current (Icw): 65 kA
- Rectifier: Active power factor correcting IGBT input converter
- Inverter: Pulse Width Modulation (PWM) IGBT inverter
- Automatic recovery: Returns to inverter operation after an overload.
- Digital Signal Processing: UPS operation and power conversion handled by advanced microprocessor.
- Static bypass: Continuous duty switch
- Display: Full color touch screen display with LED warning lights.
- Temperature compensated battery charging
- Cable entry: Top
- EOP: Local EOP input
- Enclosure: IP20
- Weight with internal batteries: 318 kg / 700 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: UL listed to UL1778
- UPS service access: Front
- DC Bus nominal voltage: 480 VDC +/-
- Run time: Dependent on battery configuration.
- UPS Warranty: 2 years

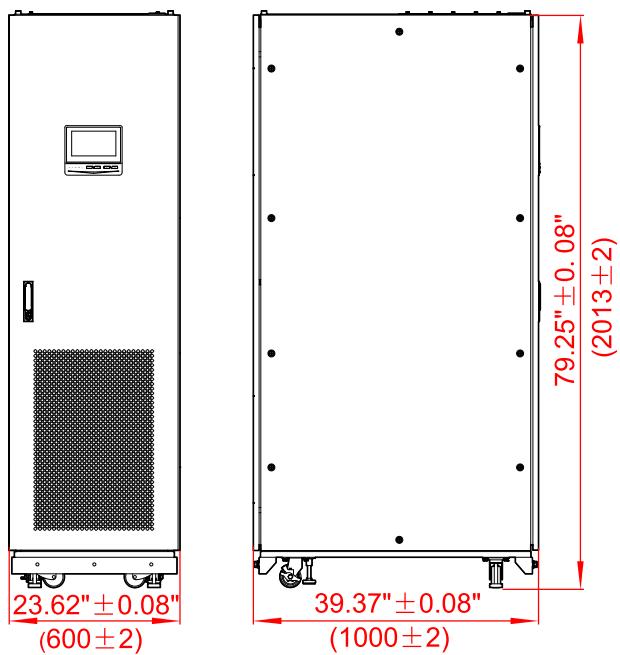


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NXT Power Model: NPU160.0-H-N (480), 160 kVA UPS rectifier inverter section

The UPS consists of one enclosure that includes: Touch screen display, rectifier, Inverter, static bypass and circuit breakers.

- UPS input voltage: 480 VAC, 3-phase, 3 wire plus ground
- UPS output voltage: 480 VAC 3-phase, 3 wire plus ground
- Fixed capacity: 160 kVA / 160 kW
- Native output voltage: 480 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 96 % in on-line mode and >99% in eco mode.
- 21,850 BTU at full load
- Modes of operation: Double conversion or ECO mode.
- Unity power factor rating. UPS can deliver more usable power.
- Load support loads from 0.5 lagging to unity
- Rated short time withstand current (Icw): 65 kA
- Rectifier: Active power factor correcting IGBT input converter
- Inverter: Pulse Width Modulation (PWM) IGBT inverter
- Automatic recovery: Returns to inverter operation after an overload.
- Digital Signal Processing: UPS operation and power conversion handled by advanced microprocessor.
- Static bypass: Continuous duty switch
- Display: Full color touch screen display with LED warning lights.
- Temperature compensated battery charging
- Cable entry: Top
- EOP: Local EOP input
- Enclosure: IP20
- Weight with internal batteries: 318 kg / 700 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: UL listed to UL1778
- UPS service access: Front
- DC Bus nominal voltage: 480 VDC +/-
- Run time: Dependent on battery configuration.
- UPS Warranty: 2 years

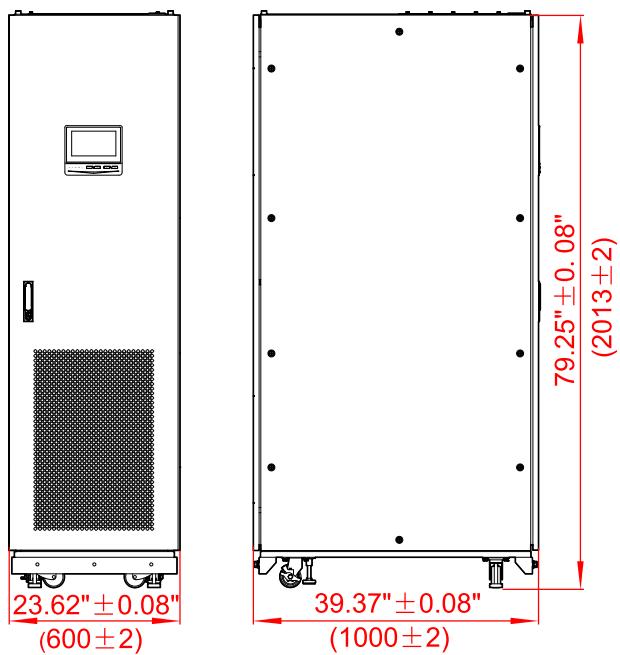


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NXT Power Model: NPU200.0-H-N (480), 200 kVA UPS rectifier inverter section

The UPS consists of one enclosure that includes: Touch screen display, rectifier, Inverter, static bypass and circuit breakers.

- UPS input voltage: 480 VAC, 3-phase, 3 wire plus ground
- UPS output voltage: 480 VAC 3-phase, 3 wire plus ground
- Fixed capacity: 200 kVA / 200 kW
- Native output voltage: 480 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 96 % in on-line mode and >99% in eco mode.
- 27,300 BTU at full load
- Modes of operation: Double conversion or ECO mode.
- Unity power factor rating. UPS can deliver more usable power.
- Load support loads from 0.5 lagging to unity
- Rated short time withstand current (Icw): 65 kA
- Rectifier: Active power factor correcting IGBT input converter
- Inverter: Pulse Width Modulation (PWM) IGBT inverter
- Automatic recovery: Returns to inverter operation after an overload.
- Digital Signal Processing: UPS operation and power conversion handled by advanced microprocessor.
- Static bypass: Continuous duty switch
- Display: Full color touch screen display with LED warning lights.
- Temperature compensated battery charging
- Cable entry: Top
- EOP: Local EOP input
- Enclosure: IP20
- Weight with internal batteries: 318 kg / 700 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: UL listed to UL1778
- UPS service access: Front
- DC Bus nominal voltage: 480 VDC +/-
- Run time: Dependent on battery configuration.
- UPS Warranty: 2 years

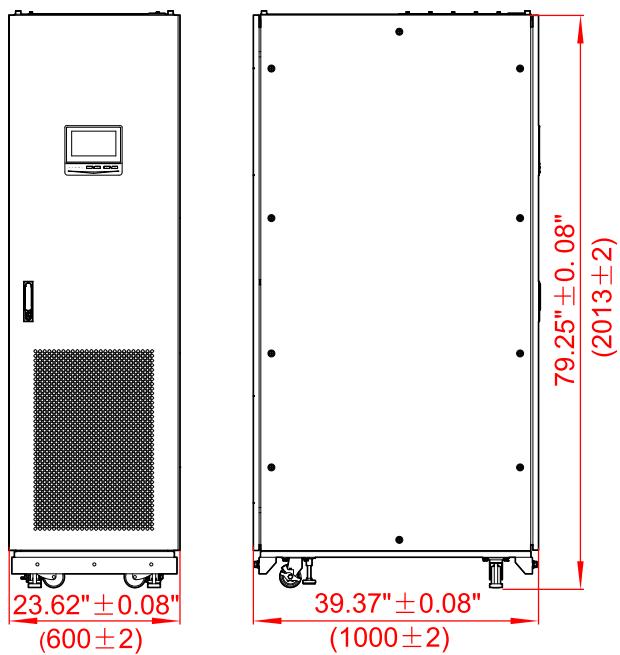


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