

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

NXT Power Model: NPU30.0-H-N (208/120), 30kVA UPS with 17 minutes of run-time at 100% load and 35 minutes at 50% load (160 pcs batteries)

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

- UPS input voltage: 208/120 VAC, 3-phase, 4 wire plus ground
- UPS output voltage: 208/120 VAC 3-phase, 4 wire plus ground
- Fixed capacity: 30 kVA /30 kW
- Native output voltage: 208 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 93 % in on-line mode and >99% in eco mode.
- 7,200 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 (I_{cw}): 30 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: Rear, or bottom.
- EPO: Local EPO input
- Enclosure: IP20
- Weight with internal batteries: 629 kg / 1386 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: cTUVus to UL1778: R14 R4.24 CSA C22.2 No. 107.3-14+GI1+GI2 (R2024)
- UPS service access: Top, front, and rear.
- Run time: With internal batteries (Beginning of life) 5 minutes at 20-25 degrees C.
- Battery Warranty: 2 years
- UPS Warranty: 2 years

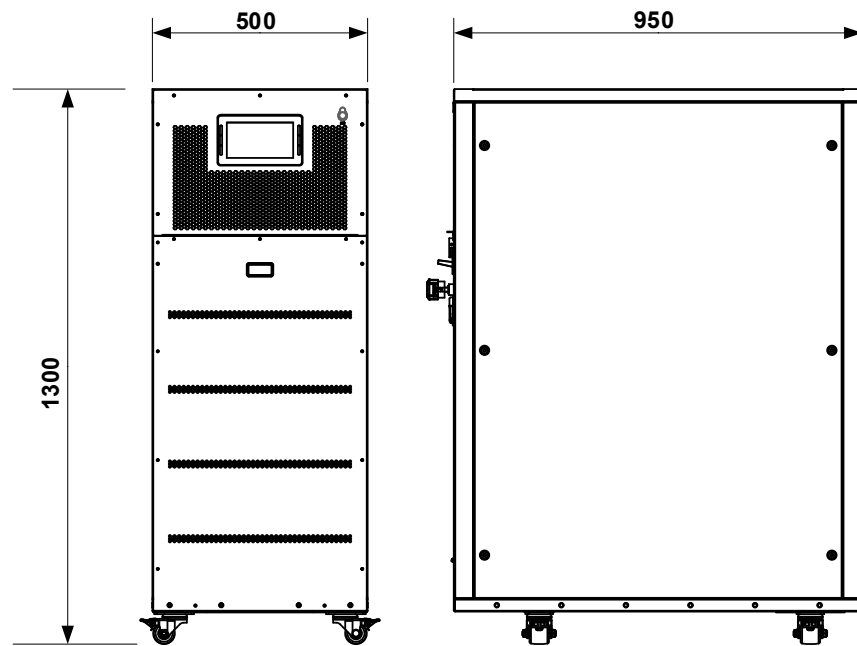
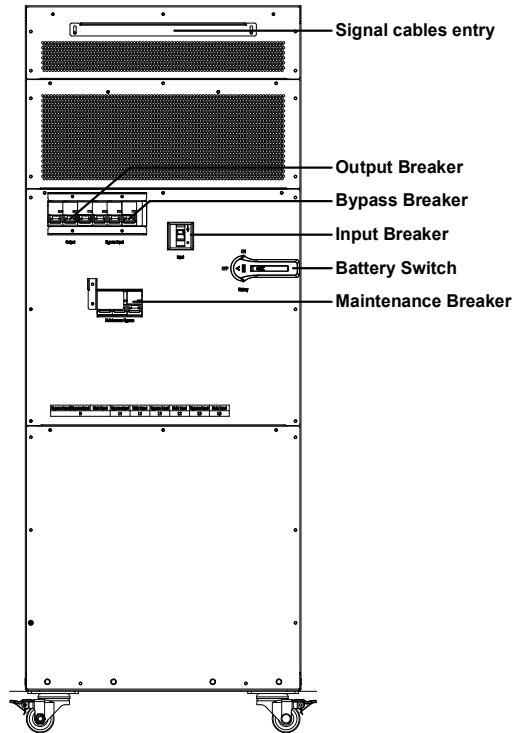


Fig 1: All dimensions shown in mm.



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NXT Power Model: NPU40.0-H-N (208/120), 40kVA UPS with 11 minutes of run-time at 100% load and 25 minutes at 50% load (160 pcs batteries)

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

- UPS input voltage: 208/120 VAC, 3-phase, 4 wire plus ground
- UPS output voltage: 208/120 VAC 3-phase, 4 wire plus ground
- Fixed capacity: 40kVA / 40 kW
- Native output voltage: 208 VAC
- Communications: USB, input / output dry contacts, RS-232, RS485, SNMP, EPO, and temperature
- Architecture: Efficiency up to 93 % in on-line mode and >99% in eco mode.
- 9,600 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 (I_{sc}): 30 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: Rear or bottom
- EPO: Local EPO input
- Enclosure: IP20
- Weight with internal batteries: 629 kg / 1386 lbs.

- Transport and mounting: Casters and fixed mounting brackets.
- Safety: cTUVus to UL1778: R14 R4.24 CSA C22.2 No. 107.3-14+GI1+GI2 (R2024)
- UPS service access: Top, front, and rear.
- Run time: With internal batteries (Beginning of life) 5 minutes at 20-25 degrees C.
- Battery Warranty: 2 years
- UPS Warranty: 2 years

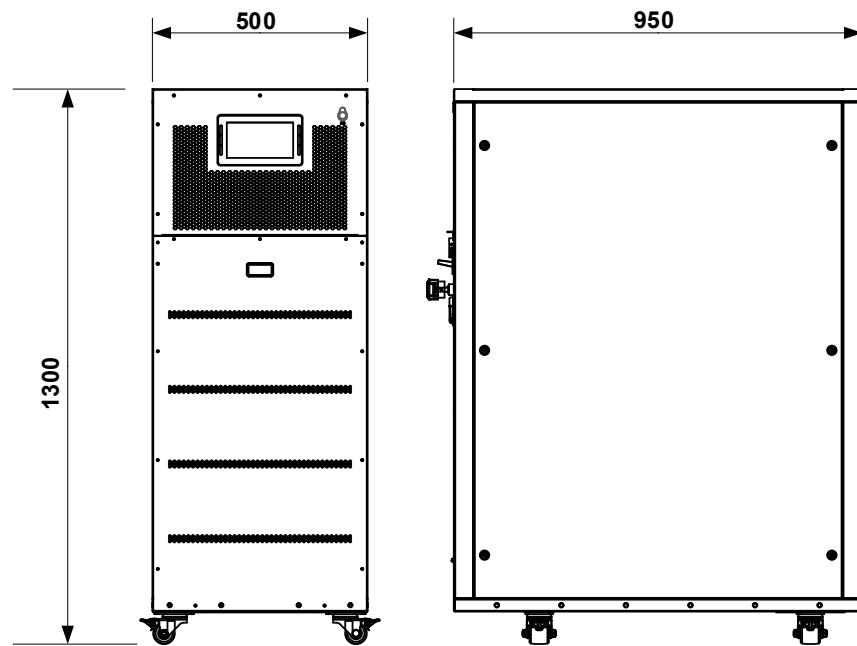


Fig 1: All dimensions shown in mm.

