

The power behind competitiveness

Delta UPS–Ultron Family

NT Series, Three Phase

20 - 500 kVA

Enterprise power customized for greatest reliability

The Ultron NT series is a three phase UPS featuring customized I/P-O/P ratings for various applications. With N+X parallel redundancy or expansion, it guarantees high availability and reliability for your critical loads.

The Ultron NT series offers continued seamless protection for your business even under 100% unbalanced loading conditions. Its economy mode improves efficiency by 4% to 7% and saves operating cost.

Availability

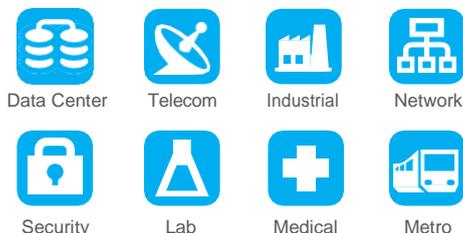
- Available from 20 to 4,000 kVA (8 x 500 kVA in parallel).
- Parallel redundancy without requiring extra hardware to increase reliability.
- Optional harmonic filter and 12-pulse rectifier.
- Redundant auxiliary power and control circuit ensures higher reliability.
- Inbuilt maintenance and static bypass switch.

Flexibility

- Multi-language LCD display and LED status indicators.
- RS232, RS485 and six programmable dry contact outputs.
- Compatible with generator installation and unbalanced loads.
- Optional external battery cabinet for longer backup time.

Low Total Cost Of Ownership

- Parallel expansion as your business grows and consequently saves initial investment.
- Wide input voltage range extends battery lifetime.
- Economy mode saves energy and operating cost.
- Common battery installation saves initial investment.



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| Model | NT-20K | 30K | 40K | 50K | 60K | 80K | 100K | 120K | 160K | 200K | 260K | 320K | 400K | 500K | | |
|--------------------|-------------------------------|--|---------|-------|-----|-------|--------|------|------|------|--------|------|--------|------|--------|-------|
| Power Rating - kVA | 20 | 30 | 40 | 50 | 60 | 80 | 100 | 120 | 160 | 200 | 260 | 320 | 400 | 500 | | |
| Power Rating - kW | 16 | 24 | 32 | 40 | 48 | 64 | 80 | 96 | 128 | 160 | 208 | 256 | 320 | 400 | | |
| Input | Nominal Voltage | 380/220 Vac (3 phase, 4-wire + G) | | | | | | | | | | | | | | |
| | Voltage Range | 305~499 Vac | | | | | | | | | | | | | | |
| | Current Harmonic Distortion | < 3% (with optional power filter, full load) | | | | | | | | | | | | | | |
| | Frequency | 45~65Hz | | | | | | | | | | | | | | |
| Output | Voltage | 380/220 Vac (3 phase, 4-wire + G) | | | | | | | | | | | | | | |
| | Output Power Factor | 0.8 | | | | | | | | | | | | | | |
| | Voltage Harmonic Distortion | ≤ 3% (linear load) | | | | | | | | | | | | | | |
| | Voltage Regulation | ± 1% (static) | | | | | | | | | | | | | | |
| | Frequency | 50/60 Hz ± 0.01% (internal oscillator); ± 1% (synchronized) | | | | | | | | | | | | | | |
| | Overload Capability | ≤ 110%: 60 minutes; 110 ~ 125%: 10 minutes; 126 ~ 150%: 1 minute | | | | | | | | | | | | | | |
| Interface | Standard | RS232 x 1, RS485 x 2, SMART slot x 1, Output dry contact x 6 | | | | | | | | | | | | | | |
| Other Features | Parallel Redundancy | Up to 8 units | | | | | | | | | | | | | | |
| | Emergency Power Off | Local and remote | | | | | | | | | | | | | | |
| | Event Log | 500 records | | | | | | | | | | | | | | |
| | Input Harmonic Improvement | Optional harmonic filter and 12-pulse rectifier | | | | | | | | | | | | | | |
| Efficiency | AC-AC | 90% | 91% | 91.5% | 92% | 92.5% | 93% | | | | | | | | | |
| | ECO Mode | > 97% | > 97.5% | | | | | | | | | | | | | |
| Environment | Operating Temperature | 0 ~ 40°C | | | | | | | | | | | | | | |
| | Relative Humidity | 0 ~ 95% (non-condensing) | | | | | | | | | | | | | | |
| | IP Protection | IP20 | | | | | | | | | | | | | | |
| | Audible Noise (at 1.5 meters) | | ≤ 60dB | | | | ≤ 65dB | | | | ≤ 68dB | | ≤ 72dB | | ≤ 77dB | |
| | Physical-6pulse | Dimensions | Width | mm | 600 | | | | 800 | | 1200 | | 1600 | | 1900* | |
| Depth | | | mm | 800 | | | | 830 | | 830 | | 995 | | 995 | | |
| Height | | mm | 1400 | | | | 1700 | | 1700 | | 1950 | | 1950 | | | |
| | Weight | kg | 365 | 365 | 425 | 460 | 506 | 525 | 700 | 745 | 1050 | 1085 | 1680 | 1720 | 1920 | 3110* |



Control and LCD Display Panel



Power Management Software



Delta offers full range UPS solutions from 600 VA to 4000 kVA to fulfill your power security needs.

* 500 kVA model is assembled into two cabinets: Inverter (width=1100 mm, 1760 kg) and Rectifier (width=800 mm, 1350 kg).

All specifications are subject to change without prior notice.



Delta's Manufacturing System is Certified by ISO 9001 and ISO 14001 Standards



IECQ Certificate of Hazardous Substance Process Management

