

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

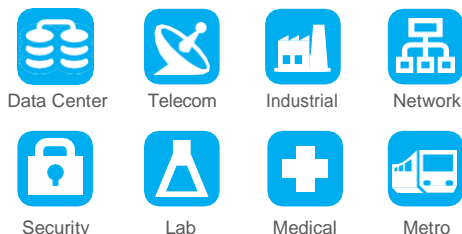
- Available from 20 to 4,000 kVA (8 x 500 kVA in parallel).
- Parallel redundancy without requiring extra hardware to increase reliability.
- Optional harmonic filter and 12-pulse rectifier.
- Redundant auxiliary power and control circuit ensures higher reliability.
- Inbuilt maintenance and static bypass 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	
	Dimensions	Width	mm	600				800		1200		1600		1900*			
Physical-6pulse	Dimensions	Depth	mm	800				830		830		995		995			
		Height	mm	1400				1700		1700		1950		1950			
Weight	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

