

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.



Data Center



Telecom



Industrial



Network



Security



Lab



Medical



Metro



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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	18 27 36 45 54 72 90 108 144 180 234 288 360 450																	
Input	Nominal Voltage	208/120, 380/220, 400/230, 415/240, 480/277 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	208/120, 380/220, 400/230, 415/240, 480/277 Vac (3 phase, 4-wire + G) 220, 230, 240 Vac (1 phase) *																
	Output Power Factor	0.9																
	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																
Physical-6pulse	Audible Noise (at 1.5 meters)		≤ 60dB			≤ 65dB			≤ 68dB			≤ 72dB			≤ 77dB			
	Dimensions	Width	mm	600			800			1200			1600			n/a		
		Depth	mm	800			830			830			995			n/a		
		Height	mm	1400			1700			1700			1950			n/a		
Weight	kg	365	365	425	460	506	525	700	745	1050	1085	1680	1720	1920				
Physical-12pulse	Dimensions	Width	mm	600			830			1200			1400			1900		
		Depth	mm	800			800			830			830			995		
		Height	mm	1400			1700			1700			1700			1950		
	Weight	kg	450	500	590	640	690	860	1070	1120	1430	1560	2150	2400	2645	3110**		

* Single phase output voltage: 220/230/240 is only for 20 ~ 40 kVA models.

** 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.



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.



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



IECQ Certificate of Hazardous Substance Process Management

