

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

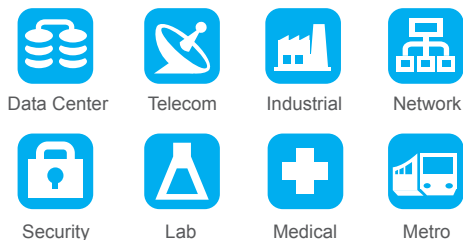
- Available from 20 to 4,000 kVA (8 x 500 kVA in parallel).
- Parallel redundancy without requiring extra hardware to increase reliability.
- Optional harmonic filter and 12-pulse rectifier.
- Redundant auxiliary power and control circuit ensures higher reliability.
- Inbuilt maintenance and static bypass 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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Technical Specifications															
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	208/120, 380/220, 400/230, 415/240, 480/277 Vac (3 phase, 4-wire + G)													
	Voltage Range	± 20%													
	Current Harmonic Distortion	< 3% (with optional rectifier or filter, full load)													
	Frequency	50 or 60 Hz ± 5Hz													
Output	Voltage	208/120, 380/220, 400/230, 415/240, 480/277 Vac (3 phase, 4-wire + G) 220, 230, 240 Vac (1 phase, 2-wire + G) *													
	Voltage Harmonic Distortion	≤ 3% (linear load)													
	Voltage Regulation	± 1% (static)													
	Frequency	50 or 60 Hz													
	Frequency Regulation	± 0.01% (interior oscillator); ± 1% (synchronized)													
	Overload Capability	≤ 110%: 60 minutes; 110 ~ 125%: 10 minutes; 126 ~ 150%: 1 minute													
Interface	Standard	RS232 x 1, RS485 x 2, SNMP slot x 1, Status dry contact output x 6													
Other Features	Parallel Redundancy	Up to 8 units													
	Emergency Power Off	Local and remote													
	SRAM 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 ~ 90% (non-condensing)													
	Audible Noise (at 1.5 meters)	dBA	≤ 60				≤ 65				≤ 68		≤ 72		≤ 77
Physical (Rating 380/220 Vac)	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

* Single phase output voltage: 220/230/240 is only for 20 ~ 120 kVA models.

** Standard rating is 380/220 Vac with 6 pulse rectifier. For models: (1) different rating (2) with 12 pulse rectifier or filter, dimensions and weight would be different from standard models. Please contact your local supplier for more information.

*** 500 kVA model is assembled into two cabinets: Inverter (width=1100 mm, 1760 kg) and Rectifier (width=800 mm, 650 kg).

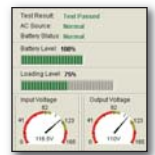
All specifications are subject to change without prior notice.



Control and LCD Display Panel



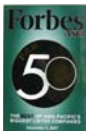
Harmonic Filter



Power Management Software



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



2007~ 2008 Forbes Asia's Fabulous 50



2009 Frost & Sullivan Green Excellence Award for Corporate Leadership



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



IECQ Certificate of Hazardous Substance Process Management

