# Delta UPS-Amplon Family

RT Series, Single Phase 5/6/10 kVA

### Reliable power with intelligent energy-saving features

The Amplon RT series delivers double-conversion on-line technology, high power density and input power factor, and low current harmonics with its advanced architecture. Designed in a rack or tower configuration with an LCD display, Amplon RT offers advanced performance for servers, data centers, networking, VoIP and telecommunications.

The Amplon RT has 1+1 parallel redundancy function to provide higher reliability. Optional external battery pack can be added to fulfill longer backup time for mission critical applications.

#### **Availability**

- True online double-conversion topology provides 24/7 full-time protection.
- 1+1 parallel redundancy or expansion without requiring additional hardware.
- · AC-start and battery-start capabilities.
- Additional charger board can be added to reduce recharging time.
- · Optional maintenance bypass box for parallel redundancy with manual bypass switch.
- External charger box enhances battery charging ability.

### **Flexibility**

- · Rack or tower configuration.
- · Multi-language LCD display with blue backlight.
- Optional external battery pack for longer backup time.

#### **Low Total Cost Of Ownership**

- Output factor 0.9 delivers more real power.
- High input power factor (pf > 0.99) and low harmonic distortion (iTHD < 5%).
- Common battery installation enables two UPS in parallel to share one battery source for cost savings.
- · Wide input voltage range reduces battery discharging occurrence and prolongs battery lifetime.















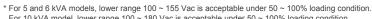




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## RT Series, Single Phase 5/6/10 kVA

Technical Spec	ifications				
Model			RT-5K	RT-6K	RT-10K
Power Rating		5kVA/4.5kW	6kVA/5.4kW	10kVA/9kW	
Input		Nominal Voltage	200/208/220/230/240 Vac (single phase)		
		Voltage Range	100 ~ 300 Vac*		
		Current Harmonic Distortion	< 5% (full load)		
		Power Factor	> 0.99 (full load)		
		Frequency	40 ~ 70 Hz		
		Electrical Connection	Terminal block		
Output		Voltage	200/208/220/230(default)/240 Vac (single phase)		
		Voltage Harmonic Distortion	< 2% (linear load), <3% (non-linear load)		
		Voltage Regulation	± 1% (static); ± 2% (typical)		
		Frequency	50 or 60 ± 0.05 Hz		
		Overload Capability	106 ~ 110%: 10 minutes; 111 ~ 125%: 5 minutes; 126 ~ 150%: 30 seconds		
		Electrical Connection	Terminal block		
		Crest Factor	3:1		
Battery & Charger		Nominal Voltage	192 Vdc	192 Vdc	240 Vdc
		Charge Current	Built-in: maximum 4A (adjustable);		
			Additional charger board (optional): maximum 4A (internal installation)		
		Electrical Connection	Exclusive cable		
Interface		Standard	RS232 x 1, SNMP slot x 1, Smart slot x 1, Parallel port x 1		
Conformance		Safety & EMC	CE, TUV, EN62040-1; CISPR 22 Class A		
Others Features		Parallel Redundancy	1+1		
		Remote Control	REPO; Remote On/Off		
		Common Battery Installation	Yes		
Efficiency		AC-AC	92% (full load)		
		ECO Mode	96% (full load)		
Environment		Operating Temperature	0 ~ 40°C		
		Relative Humidity	0 ~ 95% (non-condensing	ng)	
		Audible Noise	54 dBA**		
Physical	Dimensions	UPS	440 x 671 x 89 mm	440 x 671 x 89 mm	440 x 623 x 131 mr
	(WxDxH)	Battery Pack	440 x 638 x 89 mm	440 x 638 x 89 mm	440 x 595 x 131 mr
	Weight	UPS	15 kg	15.5 kg	21.3 kg
		Battery Pack	36 kg	36 kg	66 kg



For 10 kVA model, lower range 100  $\sim$  180 Vac is acceptable under 50  $\sim$  100% loading condition. \*\* Audible Noise is at 70% load.

All specifications are subject to change without prior notice.



5/6 kVA + Battery Pack



10 kVA + Battery Pack



Charger Box





Maintenance Bypass Box



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



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** 







