

Technical Specifications				
Model		RT-1K	RT-2K	RT-3K
Power Rating		1kVA/0.9kW	2kVA/1.8kW	3kVA/2.7kW
Input	Nominal Voltage	200*/208*/220/230/240 Vac		
	Voltage range	175 ~ 280 Vac (full load); 120 ~ 175 Vac (70 ~ 100% load)		
	Frequency	40 ~ 70 Hz		
	Power Factor	> 0.99 (full load)		
	Current Harmonic Distortion	< 5%		
Output	Power Factor	0.9		
	Voltage	200*/208*/220/230/240 Vac		
	Voltage Regulation	± 1% (linear load)		
	Frequency	50/60 Hz ± 0.05 Hz		
	Voltage Harmonic Distortion	< 2% (linear load)		
	Overload Capability	< 105%: Continuous; 105 ~ 125%: 1 minute; 125 ~ 150%: 15 seconds		
	Receptacle	IEC C13 x 6	IEC C13 x 6 IEC C19 x 1	IEC C13 x 6 IEC C19 x 1
Efficiency	AC-AC	90%	Up to 94%	
	ECO Mode	96%	Up to 97%	
Battery	Battery Voltage	24 Vdc	48 Vdc	72 Vdc
	Typical Backup Time**	6.5 minutes	7 minutes	
	Charge Current	1.5A	2A	2A
	Recharge Time	3 hours to 90%		
Audible Noise		< 40 dB	< 43 dB	< 46 dB
Display		LCD display and LED indicators		
Communication Interfaces		SMART Slot x 1, RS-232 Port x 1, USB Port x 1, REPO x 1		
Conformance		EN 62040-1, CE, TISI, RCM, EAC		
Dimensions (W x D x H)	UPS	440 x 335 x 89 mm	440 x 432 x 89 mm	440 x 610 x 89 mm
	External Battery Pack	440 x 335 x 89 mm	440 x 432 x 89 mm	440 x 610 x 89 mm
Weight	UPS	12 kg	18 kg	28 kg
	External Battery Pack	15 kg	27 kg	44 kg
Environment	Operating Temperature	0 ~ 50°C***		
	Relative Humidity	5% ~ 95% (non-condensing)		

* When the UPS is de-rated to 90% of its capacity.

** When the total load reaches 75%.

*** 40 ~ 50°C with 80% de-rating.

All specifications are subject to change without prior notice.

Technical Specifications

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)			
	Audible Noise	54 dBA**			
Physical	Dimensions (WxDxH)	UPS	440 x 671 x 89 mm	440 x 671 x 89 mm	440 x 623 x 131 mm
		Battery Pack	440 x 638 x 89 mm	440 x 638 x 89 mm	440 x 585 x 131 mm
	Weight	UPS	15 kg	15.5 kg	21.3 kg
		Battery Pack	36 kg	36 kg	66 kg

* For 5 and 6 kVA models, lower range 100 ~ 155 Vac is acceptable under 50 ~ 100% loading condition.

For 10 kVA model, lower range 100 ~ 180 Vac is acceptable under 50 ~ 100% loading condition.

** Audible Noise is at 70% load.

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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