

Technical Specifications

RT Series, Single Phase

Model		RT-5K	RT-6K	RT-10K	
Power Rating		5kVA/4.5kW	6VA/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)			
	Voltage Regulation	± 1% (static); ± 2% (typical)			
	Frequency	50/60 ± 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)			
Interface	Standard	RS 232 x1, SMART slot x 1; MINI slot x 1, Parallel port x1			
Conformance	Safety & EMC	CE, EN62040-1; EN62040-2; CISPR 22 Class A			
Other 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 (at one meter)	< 56 dBA	< 58 dBA	< 58 dBA	
Physical	Dimensions	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 595 x 131 mm
	Weight	UPS	15kg	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.
All specifications are subject to change without prior notice.



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