

RT Series- True On Line UPS - High Frequency - Double Conversion

SPECIFICATION:					
Model		RT1K / L	RT2K / L	RT3K / L	RT6KL
		The above show 'L' is EXTENDED BACKUP TIME & Heavy Duty Application			
Capacity		1KVA	2KVA	3KVA	6KVA
Input	Voltage Range	220/230/240VAC or 100/110/120VAC (+/- 20 %)			
	Frequency Range	45 – 55 Hz			
	Power Factor	>0.95			
	Phase	Single Phase + Neutral + GND			
Output	Voltage Range	220/230/240VAC ±1% / 100/110/120VAC ±1%			
	Phase	Single Phase + Neutral + GND			
	THD	<3% (Linear Load)			
	Frequency Range	50Hz / 60Hz ±0.5%			
	Power Factor	0.7			
	Wave Form	Sinusoidal Pure Sine Wave			
	Crest Factor	3 : 1			
	Overload Capacity	105% - 10s, 130% - 200ms			105% - 10min, 130% - 200ms
Battery	Type	SLA (Sealed Lead Acid) - Maintenance Free			
	Rated Voltage	36VDC	96VDC		240VDC
	Standard Battery Capacity	12V/7AHx3	12V/7AHx8		12V/7AHx20
	Standard backup time (Half / Full load)	14/5min	21/10min	18/5min	24/8min
	Recharging Time	2 - 8 hours up to 90% Capacity (Depend to Battery Condition, Load & Temperature)			
	Charging Current	Auto Charger 0-4A / 'L' = 0-15Amps (External Batteries)			
	Back Up Time Calculation	Example : RT1K - 12VDC x 7Ah x 3pcs = 252VA x 0.7p.f. = 176 Watts 176 / Load, 500Watts = 0.352 hrs x 60mins = 21.1 minutes Back Up Time			
Audible Alarm	Battery Discharge	Sounding every 4 seconds when mains fails Sounding every 1 second when battery exhausts			
	UPS Abnormal	Beeping continuously			
Transfer Time	Mains fail or recover	Zero Second Transfer			
Efficiency	Inverter	>92%			
Panel Indicator (LED)		Indicates Load/Battery Capacity, UPS running status, Bypass, Battery, Inverter, On/Off Button			
Communication interface		Port : RS232, DB9 for Win98–2000, Win XP or SNMP/AS400/Unix (optional)			
Software		Upsilon 2000 for Win98–2000, Win XP or SNMP/AS400/Unix (optional)			
Protection		Surge/Spikes, Over Load, Short Circuit, Circuit Breaker, MOV, GTA(Phone Line) & LC			
Environment	Temperature	0 - 40°C			
	Humidity	10% - 90% (Non condensation)			
	Audible Noise	<45dB (At 1M)	<50dB (At 1M)		<55dB (At 1M)
Physical	Net weight (kg)	17/9kg	37/18kg	39/20kg	100/50kg
	(W x D x H) (mm)	145 x 405 x 220	195 x 455 x 350		260 x 570 x 720
	* For Long Back Up or Custom Made UPS, Specification, Size & Weight will be followed as User request as possible.				

* Specifications subject to change without prior notice

Note : 19" Rack Mount Type (RU Series) is Available Upon Request