



Model		RT 1K	
PHASE		Single phase with ground	
CAPACITY		1000 VA/1000 W	
<b>INPUT</b>			
Nominal Voltage		100/110/115/120/127 VAC or 200/208/220/230/240 VAC	
Voltage Range		55-150 VAC $\pm$ 5 % or 110-300 VAC $\pm$ 5% at 50% load 80-150 VAC $\pm$ 5 % or 160-300 VAC $\pm$ 5 % at 100% load	
Frequency Range		40 Hz ~ 70 Hz	
Power Factor		$\geq$ 0.99 @ Nominal Voltage (100% Load)	
THDi		$\leq$ 5%	
<b>OUTPUT</b>			
Output Voltage		100*/110/115*/120/127 VAC or 200*/208*/220/230/240 VAC	
AC Voltage Regulation (Batt. Mode)		$\pm$ 1%	
Frequency Range (Synchronized Range)		47~53 Hz or 57~63 Hz	
Frequency Range (Batt. Mode)		50 Hz $\pm$ 0.1 Hz or 60Hz $\pm$ 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		$\leq$ 2 % THD (Linear Load), $\leq$ 4 % THD (Non-linear Load)	
Transfer Time	AC to DC	Zero	
	Inverter to Bypass	4 ms (Typical)	
Waveform (Batt. Mode)		Pure Sinewave	
<b>EFFICIENCY</b>			
Line Mode		$\geq$ 89% @ battery fully charged	
ECO Mode		$\geq$ 96% @ battery fully charged	
Battery Mode		$\geq$ 88%	
<b>BATTERY</b>			
Battery Type		12 V/9Ah	12 V/7Ah
Numbers		2	3
Typical Recharge Time		3 hours recover to 95% capacity for internal battery @ 2A charging current	
Charging Current		100/110/115/120/127 VAC Models: default 2A, max. 8A adjustable; 200/208/220/230/240 VAC Models: default 2A, max. 12A adjustable	
Charging Voltage		27.4 VDC $\pm$ 1%	41.1 VDC $\pm$ 1%
<b>INDICATORS</b>			
LCD Panel		UPS status, load level, Battery level, Input/Output voltage, Discharge timer, and fault conditions	
<b>ALARM</b>			
Battery Mode		Sounding every 5 seconds	
Low Battery		Sounding every 2 seconds	
Overload		Sounding every second	
Fault		Continuously sounding	
<b>PHYSICAL</b>			
Dimension, DxWxH (mm)		410 x 438 x 88	
Net Weight (kgs)		6.6	7.8
		11.6	14.1
<b>ENVIRONMENT</b>			
Humidity		20-90% RH @ 0- 45°C (Non-condensing)	
Noise Level		Less than 50dBA@1 Meter	
<b>MANAGEMENT</b>			
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008, Windows 7/8, Linux, and MAC	
Optional SNMP		Power management from SNMP manager and web browser	
<b>STANDARD</b>			
EMC/Safety		(EMC 1-1.5K: EN62040-2 C1, 2K-3K EN62040-2 C2) for CE models	

\*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.  
Product specifications are subject to change without further notice.