



Model	RT 3K	
PHASE	Single phase with ground	
CAPACITY	3000 VA/3000 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	$\geq$ 91% @ battery fully charged	
ECO Mode	$\geq$ 96% @ battery fully charged	
Battery Mode	$\geq$ 90%	
<b>BATTERY</b>		
Battery Type	12V/9Ah	
Numbers	6	
Typical Recharge Time	3 hours recover to 95% capacity for internal battery @ 2A charging current	
Charging Current	Default: 2A, max: 8A adjustable	
Charging Voltage	82.2VDC	$\pm$ 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)	630 x 438	x 88
Net Weight (kgs)	12.4	27.5
<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.