# RCT MEGAPOWER **1KVA UPS** TROLLEY

- Pure Sinewave for Sensitive Electronics & Motorised Loads
- True Double-conversion for Stable Clean Power
- Microprocessor Control Optimizes Reliability
- Input Power Factor Correction
- Output Power Factor 0.8
- Wide Input Voltage Range (110-285 VAC)
- Eco-mode for Energy Saving
- Comprehensive Display Allows Easy Monitoring & Access of UPS Status
- Monitoring can be done via USB or RS-232 with Enclosed Software

**PHASE:** Single phase with ground CAPACITY\*: 1000 VA / 800 W

**INPUT VOLTAGE RANGE** 



Based on load at 100%

160-285 VAC

**NOMINAL VOLTAGE:** 200 / 208 / 220 / 230 / 240 VAC

**FREQUENCY RANGE:** 40Hz ~ 70Hz

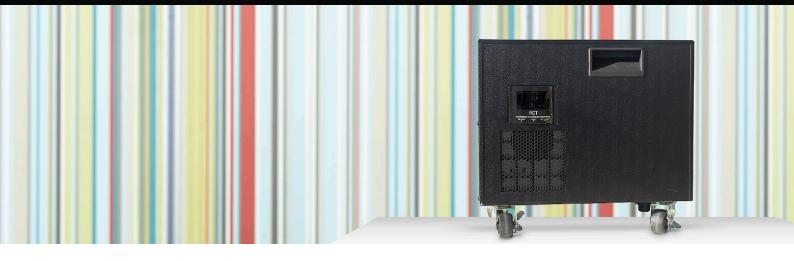
## **POWER FACTOR:** ≥ 0.99 @ Nominal Voltage (100% LOAD)







INPUT



**OUTPUT VOLTAGE:** 200 / 208 / 220 / 230 / 240 VAC

**FREQUENCY RANGE:** (SYNCHRONIZED RANGE) 47~ 53Hz / 57~ 63Hz

**CURRENT CREST RATIO:** 3:1

**TRANSFER TIME:** AC Mode to Batt. Mode: Zero Inverter to Bypass: 4 ms (Typical)

Mode

**VOLTAGE REGULATION:** ± 1%

FREQUENCY RANGE: (BATT. MODE) 50Hz ± 0.25Hz / 60Hz ± 0.3Hz

HARMONIC DISTORTION:  $\leq$  3% THD (Linear Load)  $\leq$  6% THD (Non-linear Load)

WAVEFORM: (BATT. MODE) Pure Sinewave

#### BATTERY

**13.7VDC ±1%** Charging Voltage

## **TYPE:** Depending on

the capacity of external batteries

### LCD INDICATORS:

**EFFICIENCY** 

Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators

**BATTERY MODE:** Sounding every 4 seconds

LOW BATTERY: Sounding every second

**OVERLOAD:** Sounding twice every second

FAULT: Continuously sounding

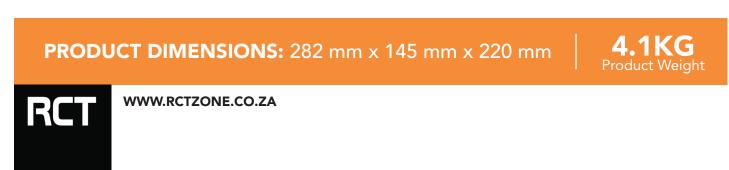
**HUMIDITY:** 20-90% RH @ 0 - 40°C (Non-condensing)

**NOISE LEVEL:** Less than 50dB @ 1m MANAGEMENT

SMART RS-232 / USB: Supports Windows<sup>®</sup> 2000 / 2003 / XP/Vista / 2008 Windows® 7 / 8 / 10, Linux & MAC

**OPTIONAL SNMP:** Power management from SNMP manager & web browser

\*Derate to 80% of capacity in frequency converter mode and to 80% when the output voltage is adjusted to 200 / 208 / VAC. Product specifications are subject to change without further notice.



OUTPUT

ALARM

88% AC Mode

81% **10A** Battery

Charging Current (max)

**ENVIRONMENT**