

GENERATOR COMPATIBLE

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

110-285 VAC

Based on load
at 50%

160-285 VAC

Based on load
at 100%

INPUT

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

FREQUENCY RANGE:
40Hz ~ 70Hz

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





OUTPUT

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)

VOLTAGE REGULATION:
± 1%

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

HARMONIC DISTORTION:
≤ 3% THD (Linear Load) ≤ 6% THD (Non-linear Load)

WAVEFORM:
(BATT. MODE)
Pure Sinewave

EFFICIENCY

88%
AC
Mode

81%
Battery
Mode

10A
Charging
Current (max)

13.7VDC ±1%
Charging
Voltage

TYPE:
Depending on
the capacity of
external batteries

LCD INDICATORS:

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

ALARM

BATTERY MODE:
Sounding every 4 seconds

LOW BATTERY:
Sounding every second

OVERLOAD:
Sounding twice every second

FAULT:
Continuously sounding

ENVIRONMENT

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

NOISE LEVEL:
Less than 50dB @ 1m

MANAGEMENT

SMART RS-232 / USB:
Supports Windows® 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.

PRODUCT DIMENSIONS: 282 mm x 145 mm x 220 mm

4.1KG
Product Weight

RCT

WWW.RCTZONE.CO.ZA