



# RCT T-2000s MEGAPOWER TROLLEY

- Pure Sinewave for Sensitive Electronics & Motorised Loads
- Microprocessor Control Optimizes Reliability
- Input Power Factor Correction
- Output Power Factor 1.0
- Comprehensive Display Allows Easy Monitoring & Access of UPS Status
- Built-in MPPT solar charger
- 2 x USB 5 V DC output and 2 x 12 V DC output
- Battery cut off switch for safety
- Pre-installed batteries

## INVERTER BATTERY

**24 V**

Battery Voltage

**100 AH / 12 V\*2**

In-built Battery Specification

**RATED POWER:**  
2000 W

**OUTPUT VOLTAGE:**  
220 VAC

**OUTPUT FREQUENCY:**  
50 / 60 Hz

**OUTPUT WAVEFORM:**  
Pure Sine Wave



**SOLAR INPUT**

**MAXIMUM PHOTOVOLTAIC VOLTAGE (VDC):**

≤ 100 V

**CHARGE VOLTAGE (VDC):**

30 V - 100 V

**RATED CHARGE CURRENT (A):**

MPPT 30 A

**MAXIMUM POWER (Wp):**

800 Wp

**VOLTAGE OVERCHARGE PROTECTION (VDC):**

28.4 V

**VOLTAGE OVERCHARGE RECOVERY (VDC):**

28.0 V

**VOLTAGE OF FLOATING CHARGE (VDC):**

27.6 V

**DC OUTPUT**

**VOLTAGE OF HIGH-VOLTAGE PROTECTION (VDC):**

32 V

**VOLTAGE OF HIGH-VOLTAGE RECOVERY (VDC):**

30.4 V

**VOLTAGE OF LOW-VOLTAGE RECOVERY (VDC):**

26 V

**VOLTAGE OF LOW-VOLTAGE PROTECTION (VDC):**

23.2 V

**5VDC USB OUTPUT PORT:**

2 Units / Max. 2 A

**12 VDC OUTPUT PORT:**

2 DC Ports (Max. 2A)

**STARTING TEMPERATURE OF THE EXHAUST FAN:** >45 °C

**AMBIENT TEMPERATURE FOR OPERATION:** -20 - +50 °C

**AMBIENT TEMPERATURE FOR STORAGE:** -25 - +55 °C

**OPERATION / STORAGE CONDITIONS:** 0 - 90% (no condensation)

**RUNTIME BASED ON 1X 12V DC 100Ah BATTERY**

MOBILE PHONE 5W + LED LAMP 2 X 5W + WI-FI ROUTER 30W + LAPTOP 55W = 100W **12 HOURS** ESTIMATE RUNTIME

MOBILE PHONE 5W + LED LAMP 2 X 5W + WI-FI ROUTER 30W + TABLET 20W + LAPTOP 55W + LED MONITOR 30W = 150W **8 HOURS** ESTIMATE RUNTIME

MOBILE PHONE 5W + LED LAMP 2 X 5W + WI-FI ROUTER 30W + LAPTOP 55W + LED TV 100W = 200W **6 HOURS** ESTIMATE RUNTIME

MOBILE PHONE 2 X 5W + LED LAMP 2 X 5W + WI-FI ROUTER 30W + TABLET 20W + SATELLITE 30W + LED TV 50W - 150W + DESKTOP 50W - 150W = 400W **3 HOURS** ESTIMATE RUNTIME

**PRODUCT DIMENSIONS:** 439 mm x 380 mm x 585 mm