



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