

KE1500

1.5KW/24V

- 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

INVERTER

RATED POWER:
1500 W

OUTPUT VOLTAGE:
220 VAC

OUTPUT FREQUENCY:
50 / 60 Hz

OUTPUT WAVEFORM:
Pure Sine Wave

CHARGE BY A MAINS SUPPLY

RATED VOLTAGE: 220 VAC | CHARGE CURRENT: 10 A (Max.)

SOLAR INPUT

MAXIMUM PHOTOVOLTAIC VOLTAGE (VDC):

≤ 150 V

CHARGE VOLTAGE (VDC):

35 V - 150 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):

27.4 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):

25.2 V

VOLTAGE OF LOW-VOLTAGE PROTECTION (VDC):

22 V

5VDC USB OUTPUT PORT:

2 Units / Max. 2 A

12 VDC OUTPUT PORT:

2 DC Ports (Max. 2A)

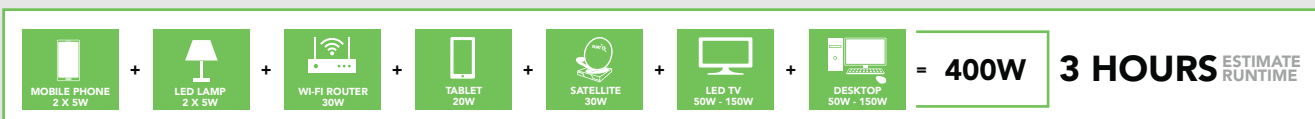
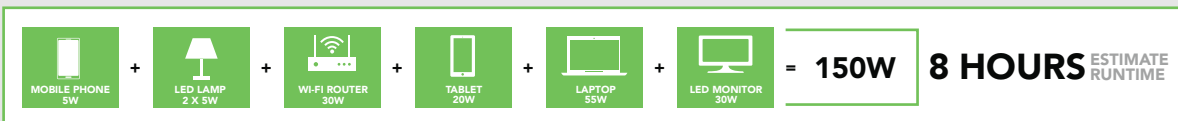
STARTING TEMPERATURE OF THE EXHAUST FAN: >45 °C

AMBIENT TEMPERATURE FOR OPERATION: 0 - 40 °C

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

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

RUNTIME BASED ON 2X 12V DC 100Ah BATTERY



KOOL ENERGY

*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: 380 mm x 380 mm x 520 mm