

POWER TROLLEY 8

MODEL: SINE-1548

Unique Mobile Back-Up System

Power Trolley 8 is a unique power back-up system designed for basically any situation when the power fails. Suitable for businesses, shopping centres, offices; specifically applicable for electronic office equipment and, in contrast to a generator, can offer many fantastic features such as :

- Fully portable trolley design
- Low Noise Operation
- Basically Maintenance free
- Microprocessor based design
- Very fast automatic change over in $\pm 15\text{mSec}$
- Powerful Output 1500VA / 1000W continuous
- Pure Sine-wave Output
- Fully sealed lead acid long life battery
- Dual AC output via 15 A SA sockets
- Resettable AC output circuit breaker
- Superior output regulation
- Excellent protection features
- Audible Alarms / DB9 RS232 output
- Comprehensive LED status indicators
- Powerful fully automatic battery charger*
- The backup time is directly proportionate to the load connected. One can achieve up to 10 hours back-up with a load not exceeding 80W. If you are running a load of 800W, for instance, the backup time will only be around one hour.*

* Load and battery size dependant

Powers TV's, DSTV Decoders, M-Net Decoders, Lights, Alarm Systems, Laptop computers, DeskJet Printers, Radios, Hi-Fi Systems, Security Systems, Cash Registers, etc.

*ECO-friendly
and non polluting*



How prepared are you for loadshedding or power failures?

Power Trolley 8

Model Sine-1548

DATA SHEET

INVERTER:

Output Power Continuous	1500VA / 1000W
Max Surge Power	2000W
Output wave form	Pure Sinewave
Maximum Output Current	6.5 Amps
AC Input Voltage	230VAC / 50Hz
AC Output Voltage when in AC Mode regulated with Buck and Boost Amplifiers	230VAC / 50Hz
Output Regulation when in Inverter mode	±5%
Very Fast Transfer Time	Typical ±15mSec
DC Nominal Input Voltage	48V
Battery low voltage alarm	YES 44V ± 0.5V
Battery low voltage shutdown	YES 42V ± 0.5V
Battery high voltage shutdown	YES 60V ± 0.5V
Efficiency AC - AC	> 95%
Auto Restart and DC Start -Up	YES
Over Temperature protection *	55 deg C ± 5 deg C
Overload protection *	YES
Output short circuit protection *	YES
Input reverse polarity protection / fuse protected / internal fuse will blow *	YES
Resettable output circuit breaker for additional overload protection	YES
Operating Temperature	-0 deg C - +45 deg C

BATTERY CHARGER:

Automatic High Frequency PWM Switch Mode Battery Charger	48V / 6A
AC Input (AC Input Range)	230VAC / 50Hz (180V – 265V)
Charge Voltage Nominal 48VDC / Float +/- 54VDC	54V±0.5V
Over Load Protection	YES
Over Temperature Protection	YES
Operating Temperature	-0 deg C - +45 deg C
With double-wound transformer for additional safety	YES
Recharge time from discharged internal battery in	Only 10 – 14Hr

MISCELLANEOUS:

2 x 15A SA-Socket outputs	YES
Audible Alarms / Resettable	YES
LED Display UPS Status	Line,Bat,AVR, Bat-Weak/Low Bat
LED Display Load Status	20%,50%,100%,Overload,Fault
DB9 RS232 Output (Software not included)	Standard
Auto temperature controlled cooling fan	YES
Humidity	20% – 90% non-condensing
Dimensions W x D x H mm (Handle extended)	390×230×450 (980)
Net weight Kg (With packaging)	48 Kg (53Kg)

*The supplier will not take any responsibility, nor consider a repair under warranty, if the system was incorrectly installed, mishandled, overloaded, exposed to the elements or the battery polarity was reversed. Please see our Warranty conditions. Specifications are subject to change without prior notice.

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