



# OMNIPOWER

## PURE SINEWAVE OUTPUT

A Power Protection and Electronic Backup Device

### Omnipower "Power Trolley 8"

The Power Trolley 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
- Silent Operation
- Basically Maintenance free
- Microprocessor based design
- Very fast automatic change over in +- < 5mSec
- 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
- Excellent output regulation
- External fused 2<sup>nd</sup> battery connector
- Suitable for solar application with external regulator
- Excellent protection features
- Audible Alarms / DB9 RS232 output
- Comprehensive LED status indicators
- Powerful fully automatic battery charger
- Up to 10Hr back-up (with internal batteries only)\*
- Up to 24Hr back-up (with external battery connected)\*

\*Load and battery size dependant



**Model : SINE 1548**



The Power Trolley can easily supply emergency power to:

TV's, DSTV Decoders, M-Net Decoders, Lights, Alarm Systems, Laptop Computers, Desktop Computers, DeskJet Printers, Radios, Hi-Fi Systems, Security Systems, Cash Registers, PABX systems, modems, hubs, routers, etc.

**ECO-friendly and non-polluting**

**GREEN DEVICE**



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# TECHNICAL SPECIFICATION

<b>Model:</b>	<b>SINE 1548</b>
<b>Inverter :</b>	
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 <5mSec
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
<b>Battery Charger:</b>	
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 iso auto transformer for additional safety	YES
Recharge time from discharged internal battery in	Only 8 - 10 Hr
The charger is capable of recharging internal and external up to 48V/100Ah battery in	Only 16 - 20 Hr
<b>Miscellaneous :</b>	
2 x 15A SA-Socketed outputs	YES
Supplied with a additional battery input connector for 48 Volt external Battery set	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 ( With extended handle )	390×230×450 ( 980 )
Net weight Kg ( With packaging )	48 Kg ( 53Kg )

**\* Sinetech 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.**