

# A HIGHLY RELIABLE AND PERFORMING POWER SYSTEM

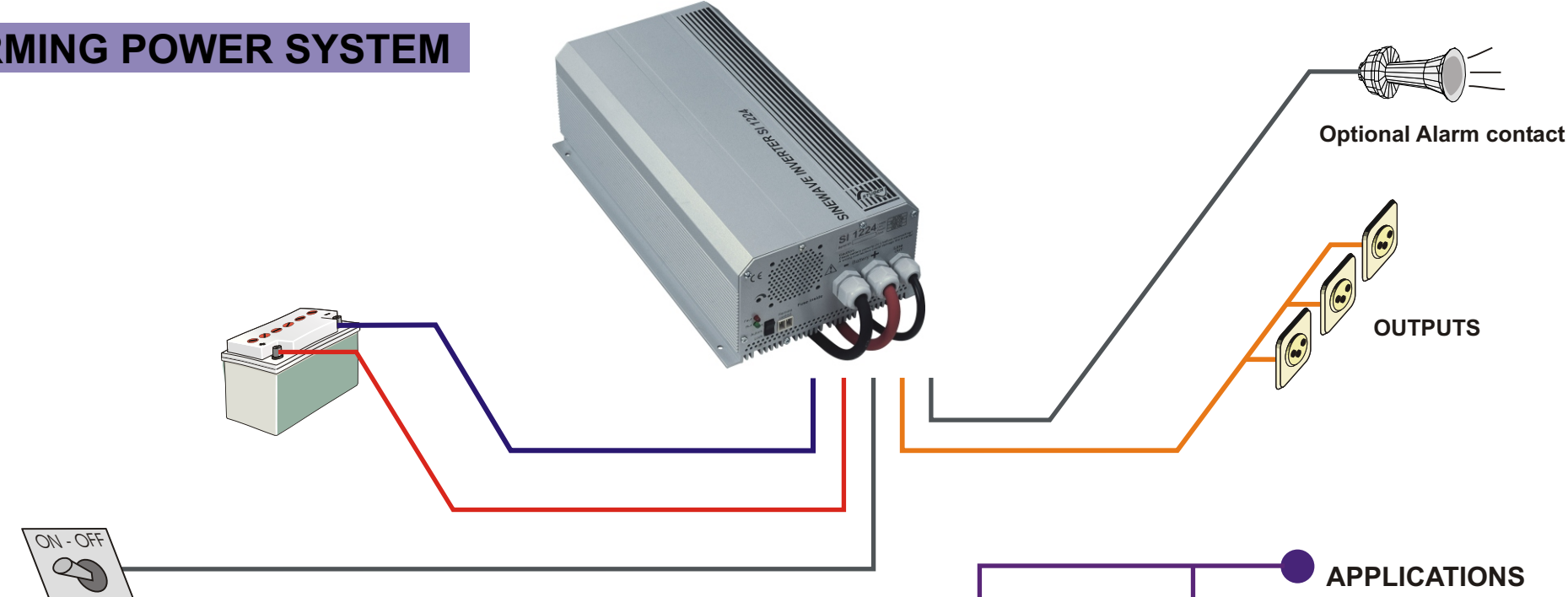
The **SI** series consist of "high end" pure sine wave inverters for AC voltage systems, and even allow to create a real 3-phased grid with 3 **SI**, from the 1200W unit. You can use the **SI** for any AC system in 230Vac (also in 115Vac/60Hz on request, up to 2300W).

The **SI** benefits from our long experience in delivering a "one step ahead technology".

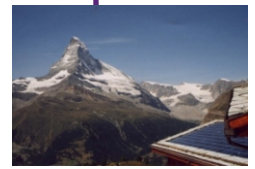
## THE **SI** SERIES OFFER:

- a high and steady efficiency
- an outstanding overload capability, thanks to the combined use of a toroidal transformer and a MOS power stage
- an ultra-fast regulation
- an electrical supply to any kind of device
- a complete internal protection of the **SI** (overload, overheat, short-circuit, reverse polarity)
- an stand-by level adjustable on a large range and from a low threshold on
- no noise thanks to HF-switching > 20 kHz
- the possibility to assemble 3 inverters (min. SI 1200) in a 3-phased 3 x 400V stand-alone grid
- an optional solar charge controller for solar powered systems (only with SI 600 and SI 800).

A 19" rack range is also available from 600 to 9000W (ask for **ISI** & **HPSI** series).



Remote control ability



**Ground-based**  
 - rural electrification  
 - health & education  
 - holidays & leisures  
 - solar installations



**Mobile**  
 - boats & yachts  
 - camping-cars  
 - emergency vehicles  
 - cars & trucks



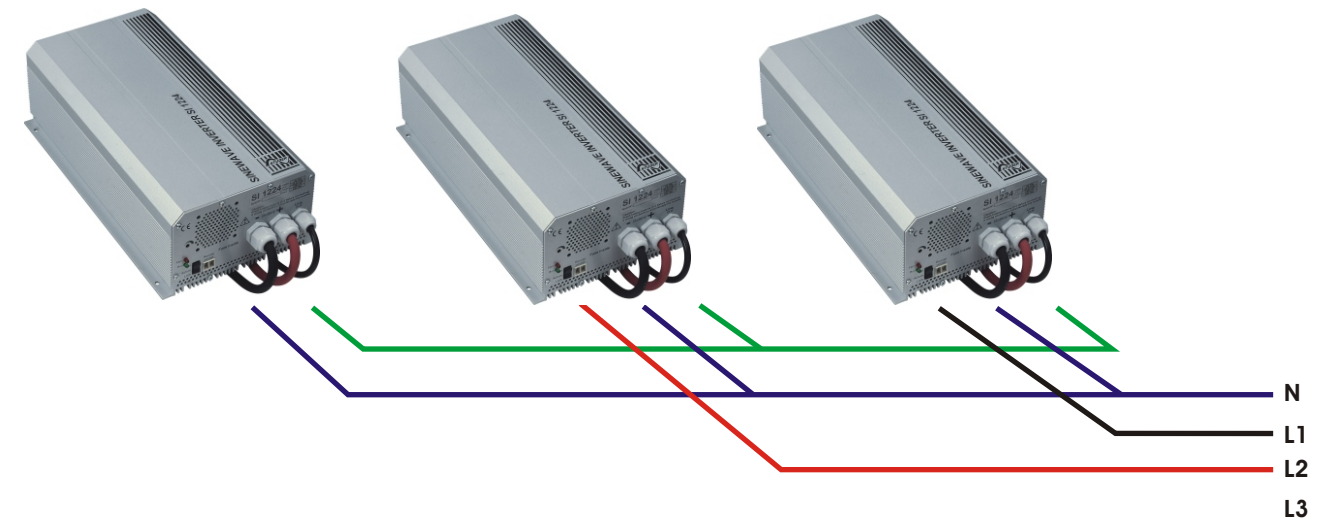
**Professional**  
 - secured power supply  
 - telecom & signalisation  
 - clean power source  
 - emergency lighting

## APPLICATIONS

## 3-PHASED STAND-ALONE GRID

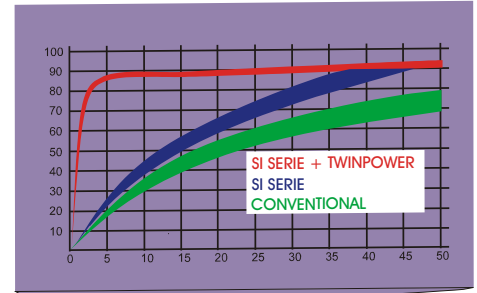
With the **Option PE** and from the SI1200 there is the possibility to connect 3 inverters together in a 3-phased grid - 3 x 400Vac -, enlarging thus the **SI** range up to 10500W (3 x SI3500PE).

This allows to power motors or other 3-phased equipments, and even with unbalanced loads.



## FURTHER OUTFITS AND FEATURES:

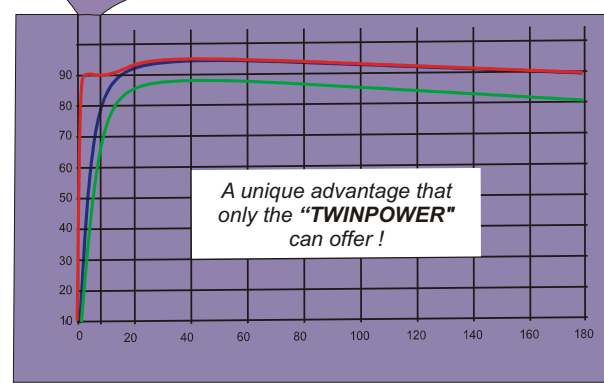
- LED status
- battery and AC cables mounted (plug & play)
- easy wall mounting by 4 external screws



## OPTION TWINPOWER

From 1200W there is a choice between a stand-by (load detection adjustable from 0,3 to 20W) and the unique **TWINPOWER** option.

The **TWINPOWER** option allows the permanent use of very small loads (like security and alarm systems), with an outstanding efficiency 10 times higher than any other inverter and a no-load consumption < 0,5W.



A unique advantage that only the "TWINPOWER" can offer!