



Sine wave inverters-chargers

Xtender Series

The Xtender serie provides an unmatched freedom of use thanks to its many functions. In a basic application, it offers together the functions of inverter, battery charger, transfer system and assistance to the source.

These functions can be combined and controlled in a totally automatic way for an exceptional comfort and an optimal management of the energy available. Its programmable auxiliary contacts allow as well the interconnection with existing systems or the implementation of extended functions. Fully programmable by means of its remote control, it enables the update of the software, thus making it an upgradeable product to which new functions may be added further on.

Xtender XTM

XTM 2000-12
XTM 3500-24
XTM 4000-48



Xtender XTH

XTH 3000-12
XTH 5000-24
XTH 6000-48
XTH 8000-48



Features and performances

- Parallel and 3 phase configuration up to 9 units.
- Outstanding efficiency and overload capabilities.
- Smart-Boost Function for assistance to the source.
- Automatic reduction of peak loads (power shaving).
- Automatic allocation of the available power (power sharing).
- Standby level adjustable from a very low load threshold.
- Multi-stage, fully programmable battery charger with PFC.
- Ultra fast high power transfer relay.
- Control by digital signal processor (DSP).
- 2 fully independently programmable auxiliary contacts.
- Real time clock for event record and auxiliary relay programming.

RCC-02



RCC-03



Comprehensive LDC display



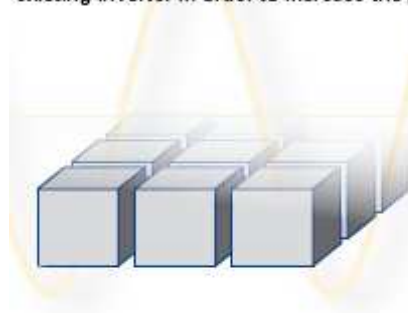
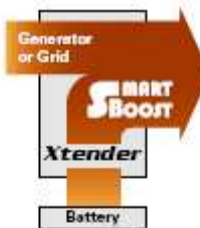
Remote control and programming centre RCC-02 or RCC-03

Apart from the enclosure difference, adapted for wall or panel mounting, both units have exactly the same features and allow the user to survey his system and fully customize it to his needs. RCC gives a controlled access to the many adjustable parameters of the Xtender, like the setting of the charge curve of the battery, the programming of the auxiliary contacts or even, among others, to a lot of operation options. Thanks to its graphic display RCC provides clear and comprehensive indications on the state of the system in selectable language. The unit memorizes and displays the events that occurred on an installation and so it does anticipate the problems that might appear. A slot for a SD card is available and it allow the parameters record and download as well as the full software update.



Smart-Boost function





The function Smart-Boost enables to add the inverter power to another source, like for instance a genset or the shorepower, even in case of asymmetrical loads. It is possible to add an Xtender to almost any other existing inverter in order to increase the power available.



Wide modularity

By the implementation of several units, it is possible to create a 3-phase source or to set them in parallel to increase the power available without extra cost. Up to 9 inverters of the Xtender serie shall therefore be combined together up to 72 kW!

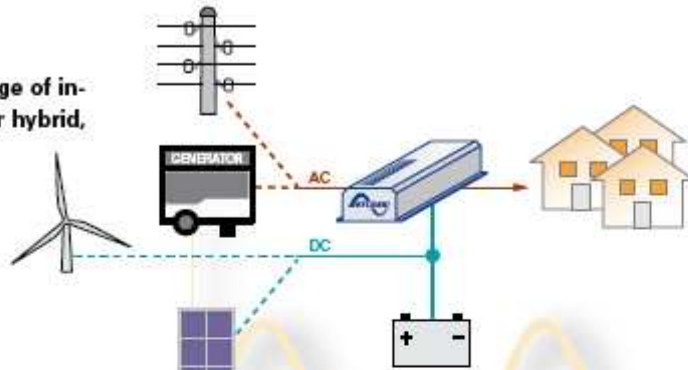
Accessories

	<p>Remote control and programming centre RCC-02 with 2 m cable (possible up to 300 m) For display, programming and updates purposes. Wall mounting. Dimensions HxLxI: 170 x 168 x 43,5 mm.</p>
	<p>Remote control and programming centre RCC-03 with 2 m cable (possible up to 300 m) For display, programming and updates purposes. Panel mounting. Dimensions: HxLxI: 130 x 120 x 42,2 mm.</p>
	<p>Battery temperature sensor BTS-01 with 3 m cable (possible up to 5 m) This sensor enables to accurately adapt the charge thresholds to the battery temperature. Dimensions: HxLxI: 68 x 61,5 x 22 mm.</p>
	<p>Remote Control Module RCM-10. Only for XTM with 3 m cable (possible up to 5 m) DYN rail remote module for main on/off and programmable function unput. Dimensions: HxLxI: 45 x 73 x 45 mm.</p>
<p>Communication cable for 3ph and parallel CAB-RJ45-2 (2 m) Allows the setting in parallel or the implementation of a 3-phase system.</p>	



The main configurations offered by the Xtender series

Xtender family is a complete range of in-verters-chargers ideally suited for hybrid, mobile and backup systems.



Easy set up of multi-units



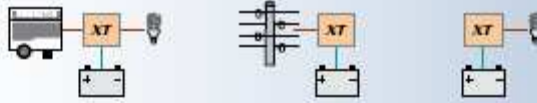
Easy accessible and robust connections



Compatible with standard cable channel

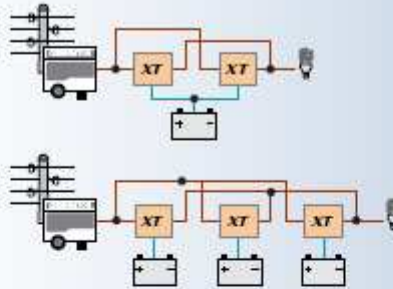
Inverter, charger and transfer relay

The Xtender basically works as an inverter and as a charger, combined with a transfer relay.



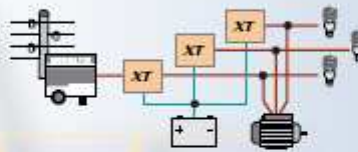
2 or 3 units in parallel on 1 phase

Increase of the power on one phase by setting 2 or 3 Xtenders in parallel.



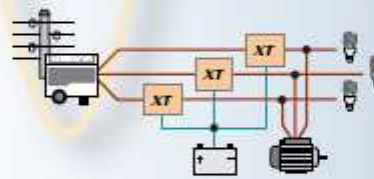
1 phase in and 3 phase out

Three-phase power supply from a single phase source.



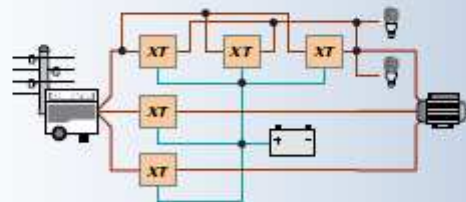
3 phase in and 3 phase out

Three-phase source for a three-phase power supply.



3 phase + with one reinforced phase

Three-phase power supply with increase of the power on one phase by setting 3 Xtenders in parallel on this phase.



3 Xtenders in parallel on 3 phases

Three-phase power supply with 3 time the power on each phase.

