

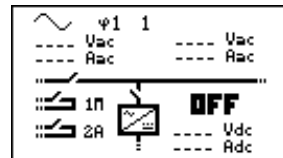


Reference guide

Remote control and programming unit

RCC-02 and RCC-03 for the Xtender

User information



Battery

- Battery voltage
- Battery real charge current
- Programmed charge current
- Battery voltage ripple
- Charging phase (bulk charge, absorption, floating charge...)
- Dynamic compensation of the battery voltage (compensation of thresholds due to the battery internal resistance)
- Working mode (inverter, charger...)
- Battery temperature (provided if a sensor is installed)
- Compensation implied by the battery temperature (provided if a sensor is installed)
- Discharge of battery of the previous day
- Discharge of battery of the current day

Input AC

- Input voltage
- Input current
- Input power AC-In
- Input frequency
- Energy from AC-In of the previous day
- Energy from AC-In of the current day

Output AC

- Output voltage
- Output current
- Output power
- Output frequency
- Consumers energy of the previous day
- Consumers energy of the of the current day

General

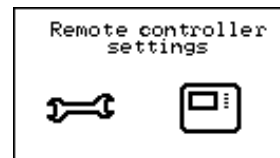
- State of the transfer contacts
- State of the inverter-charger contacts
- State of the auxiliary contacts
- Working mode of the auxiliary contacts
- Lock states
- Smart Boost active
- Active sharing of the available power (Power Sharing)

Event history



- Alarm low battery voltage
- Stop battery voltage too low
- Stop high battery voltage
- AC-In synchronisation in progress
- Error incorrect input frequency
- Error input voltage too high
- Error input voltage too low
- Stop inverter overvoltage
- Stop overtemperature
- Stop excessive battery voltage ripple
- Maximum input current exceeded, transfer prohibited
- Error voltage at AC-Out
- Error phase not defined

Adjustment of the remote control

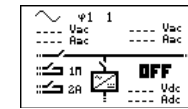


- Language {5000}
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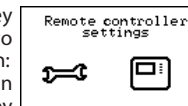
Quick start guide

Setting of the language

To begin, set your remote control RCC for a display of the information in English. The basic display is:



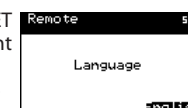
Press 1 time on the key "arrow downwards" to display the following screen: Once beyond this screen you can come back to it by means of the key "arrow upwards".



Press the key SET to enter the remote control settings. The screen of the language choice appears.



Press once more the key SET to modify the current language. The language then appears in reverse video.

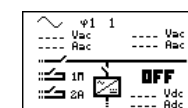


With the keys "arrow upwards" and "arrow downwards" choose the language you wish. Then validate your choice by means of the key SET (OK). We can now leave the setting of the remote control with the key ESC.

Adaptation to the source

It is a matter of indicating to the Xtender the power available to charge the batteries and to supply the users. In order to adapt your installation to the source it is connected to, proceed as follows:

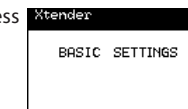
The basic display is:



Press 2 times on the key "arrow downwards" to display the following screen: Once beyond this screen you can come back to it by means of the key "arrow upwards".



Press the key SET to access to the settings.



Then again on the key SET to access to the basic parameters.



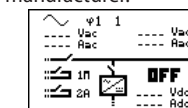
Press the key SET to modify the value of this parameter (it appears in reverse video). By means of the keys "arrow upwards" and "arrow downwards" change the value to adapt it to your source and validate your setting with the key SET (OK).

Adaptation to the battery

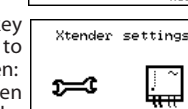
(Charge current {1138})

In order that your Xtender manages the best possible the energy stored in your batteries and that it charges them optimally, it is necessary to indicate the current which they can be charged with. You will find this value in the technical data provided by your batteries manufacturer.

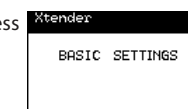
The basic display is:



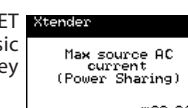
Press 2 times on the key "arrow downwards" to display the following screen: Once beyond this screen you can come back to it by means of the key "arrow upwards".



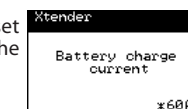
Press the key SET to access to the settings.



Then again on the key SET to access to the basic parameters. With the key "arrow downwards", access the setting "Battery and charger cycle".



You are now going to set the charge current for the batteries:

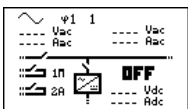


Press the key SET to modify the value of this parameter (it appears in reverse video). With the keys "arrow upwards" and "arrow downwards" change the value to adapt your battery and validate your setting with the key SET (OK).

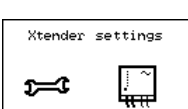
Activation of the function Smart-Boost

If your AC-In source is limited in power, the Xtender can work as a support and add the missing power for your loads. First of all, check that you have adapted the Xtender to your source (see previous chapter: Adaptation to the source {1107})

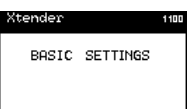
The basic display is:



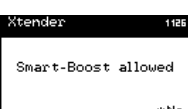
Press 2 times on the key "arrow downwards" to display the following screen: Once beyond this screen you can come back to it by means of the key "arrow upwards".



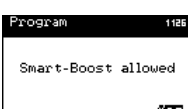
Press the key SET to access to the settings.



Then again on the key SET to access to the basic parameters. Press 2 times on the key "arrow downwards". You reach now the parameter for authorization of the Smart-Boost function {1126}.



You can now authorize the function. Press the key SET to access this parameter in modification mode, then the keys UP or DOWN to change the option. To end up, validate with the key SET.



Adjustment of the Xtender



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