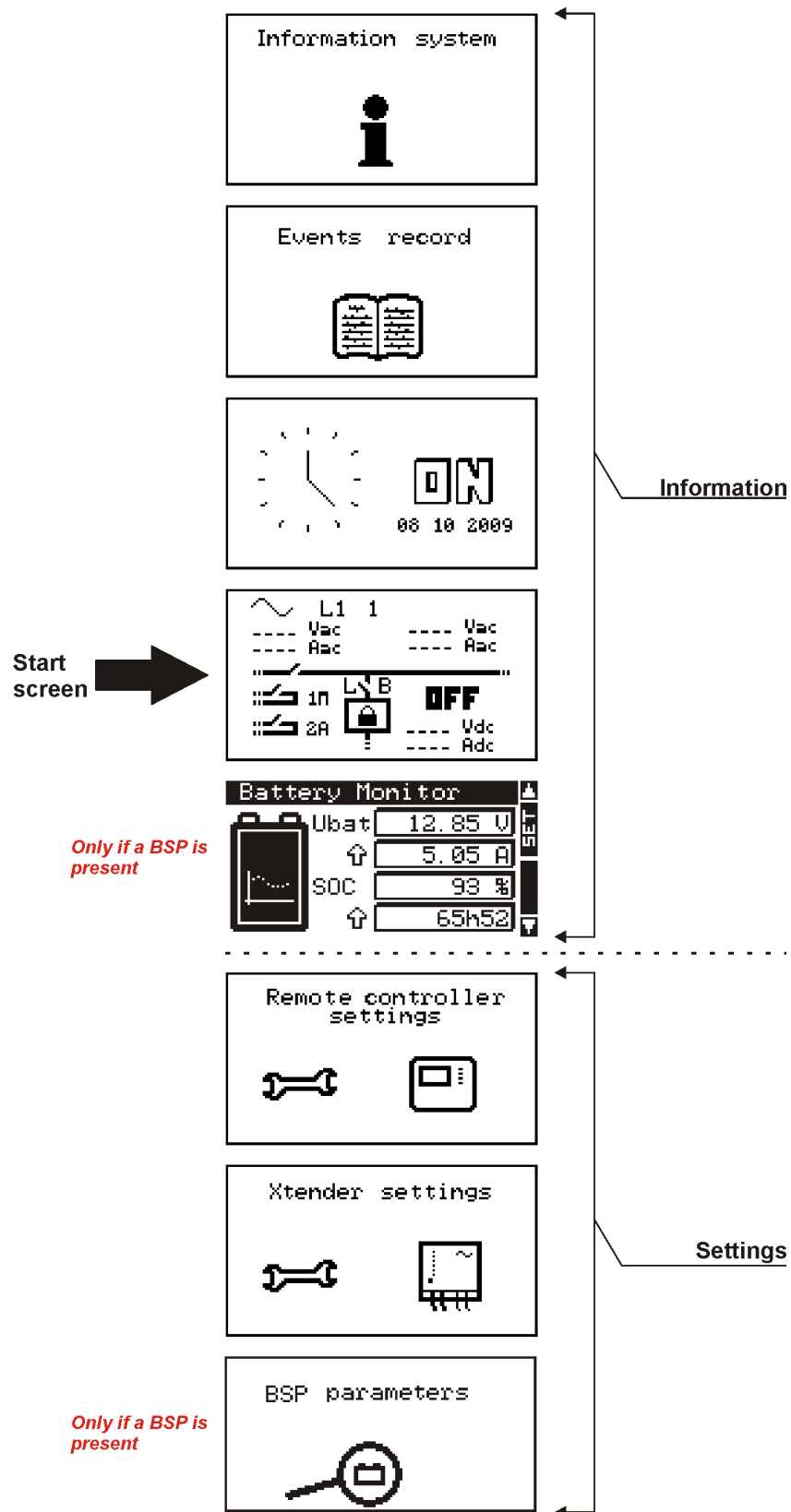
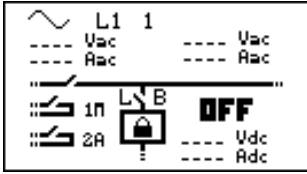


# RCC-02/-03 - Quick guide

## Main displays



## User information



### Battery

Battery voltage  
Battery charge current  
Wanted battery charge current  
Battery voltage ripple  
Battery cycle phase  
Dynamic compensation of battery voltage  
Operating state  
Battery temperature  
Temperature compensation of battery voltage  
Discharge of battery of the previous day  
Discharge of battery of the current day

### Input AC

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

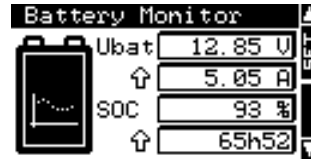
### Output AC

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

### General

State of transfer relay  
State of output relay  
State of auxiliary relay I  
State of auxiliary relay II  
Relay aux I mode  
Relay aux II mode  
Lockings flag  
Boost active  
Power sharing active

## User information (BSP)



Battery voltage  
Battery current  
State of Charge  
Power  
Remaining autonomy  
Relative capacity  
Ah charged today  
Ah discharged today  
Ah charged yesterday  
Ah discharged yesterday  
Total kWh charged  
Total kWh discharged  
Total time  
Custom charge Ah counter  
Custom discharge Ah counter  
Custom counter duration  
Battery temperature

## Adjustment of the remote control



Language {5000}

### Other languages {5036}

Choice of the second language {5038}

Choice of the third language {5039}

Choice of the fourth language {5040}

Time {5001}

### Date {5002}

Day {5003}

Month {5004}

Year {5005}

User level {5012}

Force remote control to user BASIC level {5019}

### Datalogger {5057}

Datalogger enabled {5058}

Save today's datas {5059}

### Save and restore files {5013}

Save all files (system backup) {5041}

Restore all files (system recovery) {5068}

Apply configuration files (masterfile) {5070}

Separator of the .csv files {5032}

Advanced backup functions {5069}

Save messages {5030}

Save and restore RCC files {5049}

Save RCC parameters {5015}

Load RCC parameters {5016}

Save and restore inverter files {5050}

Save inverter parameters {5017}

Load inverter parameters {5018}

Create inverter configuration file (masterfile) {5033}

Load inverter configuration file (masterfile) {5034}

Load inverter parameters preset {5045}

Save and restore BSP files {5051}

Save BSP parameters {5052}

Load BSP parameters {5053}

Create BSP configuration file (masterfile) {5054}

Load BSP configuration file (masterfile) {5055}

Format the SD card {5047}

Start update {5061}

### Modification of access levels of many parameters {5042}

Change all parameters access level to: {5043}

Restore default access level of all parameters {5044}

### Backlight {5007}

Backlight always off {5008}

Backlight switch off after {5009}

Red backlight flashing on inverter off and faulty {5026}

### Extended and special functions {5021}

Display contrast {5006}

Choice of standard display {5073}

Come back to standard display after {5010}

Visibility of the transitory messages {5011}

Acoustic alarm active {5027}

Remote control acoustic alarm duration {5031}

Switching ON and OFF of system on level "VIEW ONLY" {5056}

Reset of all the remotes control {5071}

Activation of old CAN protocol (v 1.1.x) {5072}

## Adjustment of the BSP



### Basic settings {6000}

Nominal capacity {6001}

Nominal discharge duration (C-rating) {6002}

Nominal shunt current {6017}

Nominal shunt voltage {6018}

Reset of battery history {6003}

Restore default settings {6004}

Restore factory settings {6005}

### Advanced settings {6016}

Reset of user counters {6031}

Self-discharge rate {6019}

Nominal temperature {6020}

Temperature coefficient {6021}

Charge efficiency factor {6022}

Peukert's exponent {6023}

Activate the end of charge synchronization {6042}

End of charge voltage level {6024}

End of charge current level {6025}

Minimum duration before end of charge {6026}

## Adjustment of the Xtender



### BASIC SETTINGS {1100}

Basic parameters set by means of the potentiometer in the XTS {1551}  
Maximum current of AC source (Input limit) {1107}  
Battery charge current {1138}  
Smart-Boost allowed {1126}  
Inverter allowed {1124}  
Type of detection of the grid loss (AC-In) {1552}  
Standby level {1187}  
Restore default settings {1395}  
Restore factory settings {1287}

### BATTERY MANAGEMENT AND CYCLE {1137}

Charger allowed {1125}  
Battery charge current {1138}  
Battery temperature compensation {1139}  
Undervoltage {1568}  
    Battery undervoltage level without load {1108}  
    Battery undervoltage dynamic compensation {1531}  
        Battery undervoltage dynamic compensation {1191}  
        Kind of dynamic compensation {1532}  
    Battery undervoltage level at full load {1109}  
    Battery undervoltage duration before turn off {1190}  
    Restart voltage after batteries undervoltage {1110}  
    Battery adaptive low voltage (B.L.O) {1194}  
    Max voltage for adaptive low voltage {1195}  
    Reset voltage for adaptive correction {1307}  
    Increment step of the adaptive low voltage {1298}  
Battery overvoltage level {1121}  
Restart voltage level after a battery overvoltage {1122}  
Battery floating level {1140}  
Force phase of floating {1467}  
New cycle menu {1141}  
    Force a new cycle {1142}  
    Battery voltage level 1 to start a new cycle {1143}  
    Time period under battery voltage level 1 to start a new cycle {1144}  
    Battery voltage level 2 to start a new cycle {1145}  
    Time period under battery voltage level 2 to start a new cycle {1146}  
    New cycle priority on absorption and equalization phases {1149}  
    Battery cycling restricted {1147}  
    Minimal delay between cycles {1148}  
Phase of absorption {1451}  
    Absorption phase allowed {1155}  
    Battery absorption voltage {1156}  
    Absorption duration {1157}  
    End of absorption triggered with current {1158}  
    Current limit to quit the absorption phase {1159}  
    Maximal frequency of absorption control {1160}  
    Minimal delay since last absorption {1161}  
Phase of equalization {1452}  
    Equalization allowed {1163}  
    Force equalization {1162}  
    Equalization before absorption phase {1291}

Equalization current {1290}  
Equalization voltage {1164}  
Equalization duration {1165}  
Number of cycles before an equalization {1166}  
Equalization at fixed interval {1284}  
Weeks between equalizations {1285}  
End of equalization triggered with current {1168}  
Current limit to quit the equalization phase {1169}  
Phase of reduced floating {1453}  
    Reduced floating allowed {1170}  
    Floating duration before reduced floating {1171}  
    Reduced floating voltage {1172}  
Phase of periodic absorption {1454}  
    Periodic absorption allowed {1173}  
    Periodic absorption voltage {1174}  
    Reduced floating duration before periodic absorption {1175}  
    Periodic absorption duration {1176}

### INVERTER {1186}

Inverter allowed {1124}  
AC Output voltage {1286}  
AC voltage increase according to battery voltage {1548}  
Max AC voltage increase with battery voltage {1560}  
Inverter frequency {1112}  
Inverter frequency increase when battery full {1536}  
Inverter frequency increase according to battery voltage {1549}  
Max frequency increase {1546}  
Speed of voltage or frequency change in function of battery {1534}  
Standby and turn on {1420}  
    Standby level {1187}  
    Time delay between standby pulses {1189}  
    Standby number of pulses {1188}  
    Softstart duration {1599}  
Solsafe presence Energy source at AC-Out side {1438}  
Modulator ru\_soll {1572}

### AC-IN AND TRANSFER {1197}

Transfer relay allowed {1128}  
Delay before closing transfer relay {1580}  
Smart-Boost allowed {1126}  
Maximum current of AC source (Input limit) {1107}  
Max input current modification {1471}  
    Using a secondary value for the maximum current of the AC source {1566}  
    Second maximum current of the AC source (Input limit) {1567}  
    Decrease max input limit current with AC-In voltage {1527}  
    Decrease of the max. current of the source with input voltage activated by command entry {1554}  
    AC input low limit voltage to allow charger function {1309}  
    Adaptation range of the input current according to the input voltage {1433}  
    Speed of input limit increase {1553}  
    Charge current decrease coef. at voltage limit to turn back in inverter mode {1295}  
Overrun AC source current limit without opening the transfer relay (Input limit) {1436}  
Type of detection of the grid loss (AC-In) {1552}  
Tolerance on detection of AC-input loss (tolerant UPS mode) {1510}  
Input voltage giving an opening of the transfer relay with delay {1199}  
Time delay before opening of transfer relay {1198}

Input voltage giving an immediate opening of the transfer relay (UPS) {1200}  
 Absolute max limit for input voltage {1432}  
 Standby of the charger allowed {1500}  
 Delta frequency allowed above the standard input frequency {1505}  
 Delta frequency allowed under the standard input frequency {1506}  
 Duration with frequency error before opening the transfer {1507}  
 AC-IN current active filtering {1575}

#### AUXILIARY CONTACT 1 {1201}

Operating mode (AUX 1) {1202}  
 Combination of the events for the auxiliary contact (AUX 1) {1497}  
 Temporal restrictions (AUX 1) {1203}  
 Program 1 (AUX 1) {1204}  
 Day of the week (AUX 1) {1205}  
 Start hour (AUX 1) {1206}  
 End hour (AUX 1) {1207}  
 Program 2 (AUX 1) {1208}  
 Day of the week (AUX 1) {1209}  
 Start hour (AUX 1) {1210}  
 End hour (AUX 1) {1211}  
 Program 3 (AUX 1) {1212}  
 Day of the week (AUX 1) {1213}  
 Start hour (AUX 1) {1214}  
 End hour (AUX 1) {1215}  
 Program 4 (AUX 1) {1216}  
 Day of the week (AUX 1) {1217}  
 Start hour (AUX 1) {1218}  
 End hour (AUX 1) {1219}  
 Program 5 (AUX 1) {1220}  
 Day of the week (AUX 1) {1221}  
 Start hour (AUX 1) {1222}  
 End hour (AUX 1) {1223}  
 Contact active with a fixed time schedule (AUX 1) {1269}  
 Program 1 (AUX 1) {1270}  
 Day of the week (AUX 1) {1271}  
 Start hour (AUX 1) {1272}  
 End hour (AUX 1) {1273}  
 Program 2 (AUX 1) {1274}  
 Day of the week (AUX 1) {1275}  
 Start hour (AUX 1) {1276}  
 End hour (AUX 1) {1277}  
 Program 3 (AUX 1) {1278}  
 Day of the week (AUX 1) {1279}  
 Start hour (AUX 1) {1280}  
 End hour (AUX 1) {1281}  
 Contact active on event (AUX 1) {1455}  
 Xtender is OFF (AUX 1) {1225}  
 Xtender ON (AUX 1) {1518}  
 Remote entry (AUX 1) {1543}  
 Battery undervoltage (AUX 1) {1226}  
 Battery overvoltage (AUX 1) {1227}  
 Inverter or Smart-Boost overload (AUX 1) {1228}  
 Overtemperature (AUX 1) {1229}  
 No overtemperature (AUX 1) {1520}  
 Active charger (AUX 1) {1231}  
 Active inverter (AUX 1) {1232}  
 Active Smart-Boost (AUX 1) {1233}  
 AC input presence but with fault (AUX 1) {1234}  
 AC input presence (AUX 1) {1235}  
 Transfer relay ON (AUX 1) {1236}

AC out presence (AUX 1) {1237}  
 Bulk charge phase (AUX 1) {1238}  
 Absorption phase (AUX 1) {1239}  
 Equalization phase (AUX 1) {1240}  
 Floating (AUX 1) {1242}  
 Reduced floating (AUX 1) {1243}  
 Periodic absorption (AUX 1) {1244}  
 Autonomy test running (AUX 1) {1529}  
 Contact active according to battery voltage (AUX 1) {1245}  
 Use dynamic compensation of battery level (AUX 1) {1288}  
 Battery voltage 1 activate (AUX 1) {1246}  
 Battery voltage 1 (AUX 1) {1247}  
 Delay 1 (AUX 1) {1248}  
 Battery voltage 2 activate (AUX 1) {1249}  
 Battery voltage 2 (AUX 1) {1250}  
 Delay 2 (AUX 1) {1251}  
 Battery voltage 3 activate (AUX 1) {1252}  
 Battery voltage 3 (AUX 1) {1253}  
 Delay 3 (AUX 1) {1254}  
 Battery voltage to deactivate (AUX 1) {1255}  
 Delay to deactivate (AUX 1) {1256}  
 Deactivate if battery in floating phase (AUX 1) {1516}  
 Contact active with inverter power or Smart-Boost (AUX 1) {1257}  
 Inverter power level 1 activate (AUX 1) {1258}  
 Power level 1 (AUX 1) {1259}  
 Time delay 1 (AUX 1) {1260}  
 Inverter power level 2 activate (AUX 1) {1261}  
 Power level 2 (AUX 1) {1262}  
 Time delay 2 (AUX 1) {1263}  
 Inverter power level 3 activate (AUX 1) {1264}  
 Power level 3 (AUX 1) {1265}  
 Time delay 3 (AUX 1) {1266}  
 Inverter power level to deactivate (AUX 1) {1267}  
 Time delay to deactivate (AUX 1) {1268}  
 Contact active according to battery temperature (AUX 1) With BSP or BTS {1503}  
 Contact activated with the temperature of battery (AUX 1) {1446}  
 Contact activated over (AUX 1) {1447}  
 Contact deactivated below (AUX 1) {1448}  
 Contact active according to SOC (AUX 1) Only with BSP {1501}  
 Contact activated with the SOC 1 of battery (AUX 1) {1439}  
 Contact activated below SOC 1 (AUX 1) {1440}  
 Delay 1 (AUX 1) {1581}  
 Contact activated with the SOC 2 of battery (AUX 1) {1582}  
 Contact activated below SOC 2 (AUX 1) {1583}  
 Delay 2 (AUX 1) {1584}  
 Contact activated with the SOC 3 of battery (AUX 1) {1585}  
 Contact activated below SOC 3 (AUX 1) {1586}  
 Delay 3 (AUX 1) {1587}  
 Contact deactivated over SOC (AUX 1) {1441}  
 Delay to deactivate (AUX 1) {1588}  
 Deactivate if battery in floating phase (AUX 1) {1589}  
 Security, maximum time of contact (AUX 1) {1512}  
 Maximum time of operation of contact (AUX 1) {1514}  
 Reset all settings (AUX 1) {1569}

#### AUXILIARY CONTACT 2 {1310}

Operating mode (AUX 2) {1311}  
 Combination of the events for the auxiliary contact (AUX 2) {1498}  
 Temporal restrictions (AUX 2) {1312}  
 Program 1 (AUX 2) {1313}  
 Day of the week (AUX 2) {1314}

Start hour (AUX 2) {1315}  
End hour (AUX 2) {1316}  
Program 2 (AUX 2) {1317}  
Day of the week (AUX 2) {1318}  
Start hour (AUX 2) {1319}  
End hour (AUX 2) {1320}  
Program 3 (AUX 2) {1321}  
Day of the week (AUX 2) {1322}  
Start hour (AUX 2) {1323}  
End hour (AUX 2) {1324}  
Program 4 (AUX 2) {1325}  
Day of the week (AUX 2) {1326}  
Start hour (AUX 2) {1327}  
End hour (AUX 2) {1328}  
Program 5 (AUX 2) {1329}  
Day of the week (AUX 2) {1330}  
Start hour (AUX 2) {1331}  
End hour (AUX 2) {1332}  
Contact active with a fixed time schedule (AUX 2) {1378}  
Program 1 (AUX 2) {1379}  
Day of the week (AUX 2) {1380}  
Start hour (AUX 2) {1381}  
End hour (AUX 2) {1382}  
Program 2 (AUX 2) {1383}  
Day of the week (AUX 2) {1384}  
Start hour (AUX 2) {1385}  
End hour (AUX 2) {1386}  
Program 3 (AUX 2) {1387}  
Day of the week (AUX 2) {1388}  
Start hour (AUX 2) {1389}  
End hour (AUX 2) {1390}  
Contact active on event (AUX 2) {1456}  
Xtender is OFF (AUX 2) {1333}  
Xtender ON (AUX 2) {1519}  
Remote entry (AUX 2) {1544}  
Battery undervoltage (AUX 2) {1334}  
Battery overvoltage (AUX 2) {1335}  
Inverter or Smart-Boost overload (AUX 2) {1336}  
Overtemperature (AUX 2) {1337}  
No overtemperature (AUX 2) {1521}  
Active charger (AUX 2) {1339}  
Active inverter (AUX 2) {1340}  
Active Smart-Boost (AUX 2) {1341}  
AC input presence but with fault (AUX 2) {1342}  
AC input presence (AUX 2) {1343}  
Transfer contact ON (AUX 2) {1344}  
AC out presence (AUX 2) {1345}  
Bulk charge phase (AUX 2) {1346}  
Absorption phase (AUX 2) {1347}  
Equalization phase (AUX 2) {1348}  
Floating (AUX 2) {1350}  
Reduced floating (AUX 2) {1351}  
Periodic absorption (AUX 2) {1352}  
Autonomy test running (AUX 2) {1530}  
Contact active according to battery voltage (AUX 2) {1353}  
Use dynamic compensation of battery level (AUX 2) {1354}  
Battery voltage 1 activate (AUX 2) {1355}  
Battery voltage 1 (AUX 2) {1356}  
Delay 1 (AUX 2) {1357}  
Battery voltage 2 activate (AUX 2) {1358}  
Battery voltage 2 (AUX 2) {1359}  
Delay 2 (AUX 2) {1360}  
Battery voltage 3 activate (AUX 2) {1361}  
Battery voltage 3 (AUX 2) {1362}  
Delay 3 (AUX 2) {1363}  
Battery voltage to deactivate (AUX 2) {1364}

Delay to deactivate (AUX 2) {1365}  
Deactivate if battery in floating phase (AUX 2) {1517}  
Contact active with inverter power or Smart-Boost (AUX 2) {1366}  
Inverter power level 1 activate (AUX 2) {1367}  
Power level 1 (AUX 2) {1368}  
Time delay 1 (AUX 2) {1369}  
Inverter power level 2 activate (AUX 2) {1370}  
Power level 2 (AUX 2) {1371}  
Time delay 2 (AUX 2) {1372}  
Inverter power level 3 activate (AUX 2) {1373}  
Power level 3 (AUX 2) {1374}  
Time delay 3 (AUX 2) {1375}  
Inverter power level to deactivate (AUX 2) {1376}  
Time delay to deactivate (AUX 2) {1377}  
Contact active according to battery temperature (AUX 2) With BSP or BTS {1504}  
Contact activated with the temperature of battery (AUX 2) {1457}  
Contact activated over (AUX 2) {1458}  
Contact deactivated below (AUX 2) {1459}  
Contact activated only if the battery is charged (AUX 2) {1460}  
Contact active according to SOC (AUX 2) Only with BSP {1502}  
Contact activated with the SOC 1 of battery (AUX 2) {1442}  
Contact activated below SOC 1 (AUX 2) {1443}  
Delay 1 (AUX 2) {1590}  
Contact activated with the SOC 2 of battery (AUX 2) {1591}  
Contact activated below SOC 2 (AUX 2) {1592}  
Delay 2 (AUX 2) {1593}  
Contact activated with the SOC 3 of battery (AUX 2) {1594}  
Contact activated below SOC 3 (AUX 2) {1595}  
Delay 3 (AUX 2) {1596}  
Contact deactivated over SOC (AUX 2) {1444}  
Delay to deactivate (AUX 2) {1597}  
Deactivate if battery in floating phase (AUX 2) {1598}  
Security, maximum time of contact (AUX 2) {1513}  
Maximum time of operation of contact (AUX 2) {1515}  
Reset all settings (AUX 2) {1570}

#### **AUXILIARY CONTACTS 1 AND 2 EXTENDED FUNCTIONS {1489}**

Generator control active {1491}  
Number of starting attempts {1493}  
Starter pulse duration (with AUX2) {1492}  
Time before a starter pulse {1494}  
Main contact hold/interrupt time {1574}

#### **SYSTEM {1101}**

Remote entry (Remote ON/OFF) {1537}  
Remote entry active {1545}  
Prohibits transfert relay {1538}  
Prohibits inverter {1539}  
Prohibits charger {1540}  
Prohibits Smart-Boost {1541}  
Prohibits grid feeding {1542}  
Using a secondary value for the maximum current of the AC source {1566}  
Second maximum current of the AC source (Input limit) {1567}  
Decrease of the max. current of the source with input voltage activated by command entry {1554}  
ON/OFF command {1576}  
Activated by AUX1 state {1578}

Prohibits battery priority {1579}  
 Batteries priority as energy source {1296}  
 Battery priority voltage {1297}  
 Buzzer alarm duration {1565}  
 Auto restarts {1129}  
   After battery undervoltage {1130}  
   Number of batteries undervoltage allowed before definitive stop {1304}  
   Time period for batteries undervoltages counting {1404}  
   Number of batteries critical undervoltage allowed before definitive stop {1305}  
   Time period for critical batteries undervoltages counting {1405}  
   After battery overvoltage {1131}  
   After inverter or Smart-Boost overload {1132}  
   Delay to restart after an overload {1533}  
   After overtemperature {1134}  
   Autostart to the battery connection {1111}  
 System earthing (Earth - Neutral) {1484}  
   Prohibited ground relay {1485}  
   Continuous neutral {1486}  
 Autotest of the battery autonomy {1473}  
   Functionality test (weekly) {1474}  
   Start manually a functionality test (weekly) {1495}  
   Day in the week of the test {1475}  
   Hour of the beginning of the test {1476}  
   Duration of the test {1477}  
   Autonomy test (monthly) {1478}  
   Start manually an autonomy test (monthly) {1496}  
   Months of the test {1479}  
   Day in the month of the test {1480}  
   Day in the week of the test {1481}  
   Hour of the beginning of the test {1482}  
   Duration of the test {1483}  
 Parameters saved in flash memory {1550}  
 Global ON of the system {1415}  
 Global OFF of the system {1399}  
 Reset of all the inverters {1468}

### MULTI XTENDER SYSTEM {1282}

Integral mode {1283}  
 Multi inverters allowed {1461}  
 Multi inverters independents {1462}  
 Battery cycle synchronized by the master {1555}  
 Allow slaves standby in multi-Xtender system {1547}  
 Splitphase: L2 with 180 degrees phaseshift {1571}  
 Minigrid compatible {1437}  
 Minigrid with shared battery energy {1577}

### GRID-FEEDING {1522}

Grid feeding allowed {1127}  
 Max grid feeding current {1523}  
 Battery voltage target for forced grid feeding {1524}  
 Forced grid feeding start time {1525}  
 Forced grid feeding stop time {1526}

## Messages and account of events



Warning (000) : Battery low  
 Warning (001) : Battery too high  
 Warning (002) : Bulk charge too long  
 Message (003) : AC-In synchronization in progress  
 Message (004) : Input frequency wrong  
 Message (005) : Input frequency wrong  
 Message (006) : Input voltage too high  
 Message (007) : Input voltage AC-In too low  
 Halted (008) : Inverter overload SC  
 Halted (009) : Charger short circuit  
 Message (010) : System startup in progress  
 Message (011) : Remote control startup in progress  
 Message (012) : Use of battery temperature sensor  
 Message (013) : Use of additional remote control  
 Halted (014) : Overtemperature EL  
 Halted (015) : Inverter overload BL  
 Warning (016) : Fan error detected  
 Message (017) : Programing mode  
 Warning (018) : Excessive battery voltage ripple  
 Halted (019) : Battery undervoltage  
 Halted (020) : Battery overvoltage  
 Message (021) : Input limit reached, no transfert  
 Error (022) : Voltage presence on AC-out  
 Error (023) : Phase not defined  
 Message (024) : Check the clock battery  
 Error (025) : Unknow command board. Upgrade needed  
 Error (026) : Unknow Power board. Upgrade needed  
 Error (027) : Unknow extension board. Upgrade needed  
 Error (028) : Voltage incompatibility Power - Command  
 Error (029) : Voltage incompatibility Ext. - Command  
 Error (030) : Power incompatibility Power - Command  
 Error (031) : Command Board soft incompatibility  
 Error (032) : Power board soft incompatibility  
 Error (033) : Extension board soft incompatibility  
 Error (034) : FID corruption Factory return  
 Message (035) : Memory structure modified  
 Warning (036) : Parameter file lack  
 Warning (037) : Message file lack. Upgrade advised  
 Warning (038) : Upgrade of the Xtender software advised  
 Warning (039) : Upgrade of the Xtender software advised  
 Warning (040) : Upgrade of the Xtender software advised  
 Warning (041) : Overtemperature TR  
 Halted (042) : Unauthorized energy source at the output  
 Message (043) : Start of monthly test  
 Message (044) : End of successfully monthly test  
 Warning (045) : Monthly autonomy test failed  
 Message (046) : Start of weekly test  
 Message (047) : End of successfully weekly test  
 Warning (048) : Weekly autonomy test failed  
 Warning (049) : Current over input limit, transfer opened  
 Error (050) : Incomplete data transfer  
 Message (051) : The update is finished  
 Message (052) : Your installation is already updated  
 Error (053) : Inverters not compatible, update needed  
 Message (054) : Please wait. Data transfer in progress  
 Error (055) : No SD card inserted  
 Warning (056) : Upgrade of the RCC software advised

Message (057): Operation finished successfully  
Error (058) : Master synchro missing  
Halted (059) : Inverter overload HW  
Warning (060) : Time security 1512 AUX1  
Warning (061) : Time security 1513 AUX2  
Warning (062) : Genset, no AC-In comming after AUX command  
Message (063) : Save parameter Xtender  
Message (064) : Save parameter SOC  
Message (065) : Save parameter MPPT  
Error (071) : Insufficient disk space on SD card  
Error (072) : CAN identification incorrect  
Message (073) : Datalogger is enabled on this RCC