

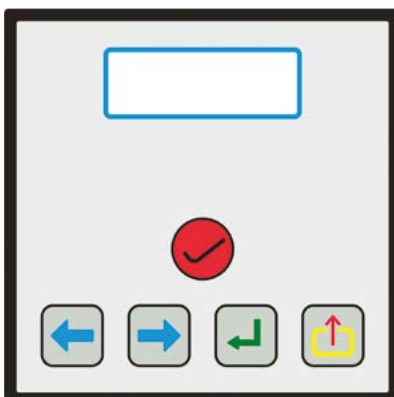
User Interface & Display Functions

Meter & reading functions menu

- AC voltage output
- AC current output normally on
- AC current output normally off
- Battery voltage
- Battery charging current
- Battery discharging current
- KVA total output
- Cabinet internal temperature
- Inverter frequency
- Real time clock
- Time delay
- Monthly test result
- Half-year test result
- Annual test result
- Event log reading

Service menu functions

- Passkeyword protected
- Set battery voltage & current ranges
- Set system voltage & current ranges
- Set system phase
- Set normally OFF load
- Set language
- Set real time clock & calendar
- Set time delay function
- Set manual test duration
- Set self test sequence
- Set buzzer function



Administration menu functions

- Passkeyword protected
- Read/set serial number
- Read/set manufacturing date
- Read/set installation date
- Read firmware version
- Read/clear battery elapse time
- Read/clear total power failures
- Read/clear total alarms
- Clear event log
- Enter calibration routine

Alarm and events

- Event logging (1000) type date & hour
- Transfer mode
- Standby
- Load off
- Stop mode
- Lock-out mode
- Forced transfer
- Battery volt
- Battery disconnect
- Mains out of range
- Manual test
- Monthly test
- Half year test
- Yearly test
- Modbus transfer

System testing

EMEX Central Battery Systems provide manual and automatic test functions. Manual test can be activated any time using the test key provided on the control panel. Manual testing will do a programmable fixed test time and can be aborted any time by pushing again on the test key. Automatic test and diagnostic is done following an annual sequence. Every month a quick diagnostic test of 2 minutes is performed. At the 6 month mark, a 1/3 timed discharge test is done, and at the 12 month, a full discharge, down to LVD is performed. Pass/Fail and discharge time are registered in the event log. Test time and date is programmed using the Service Menu.