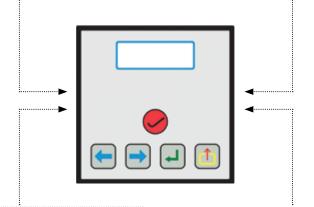## USER INTERFACE & DISPLAY FUNCTIONS

METER & READING FUNCTIONS MENU

- AC Voltage Output
- AC Current Ouput 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

SYSTEM TESTING

RL-5 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.

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