

OVERVIEW

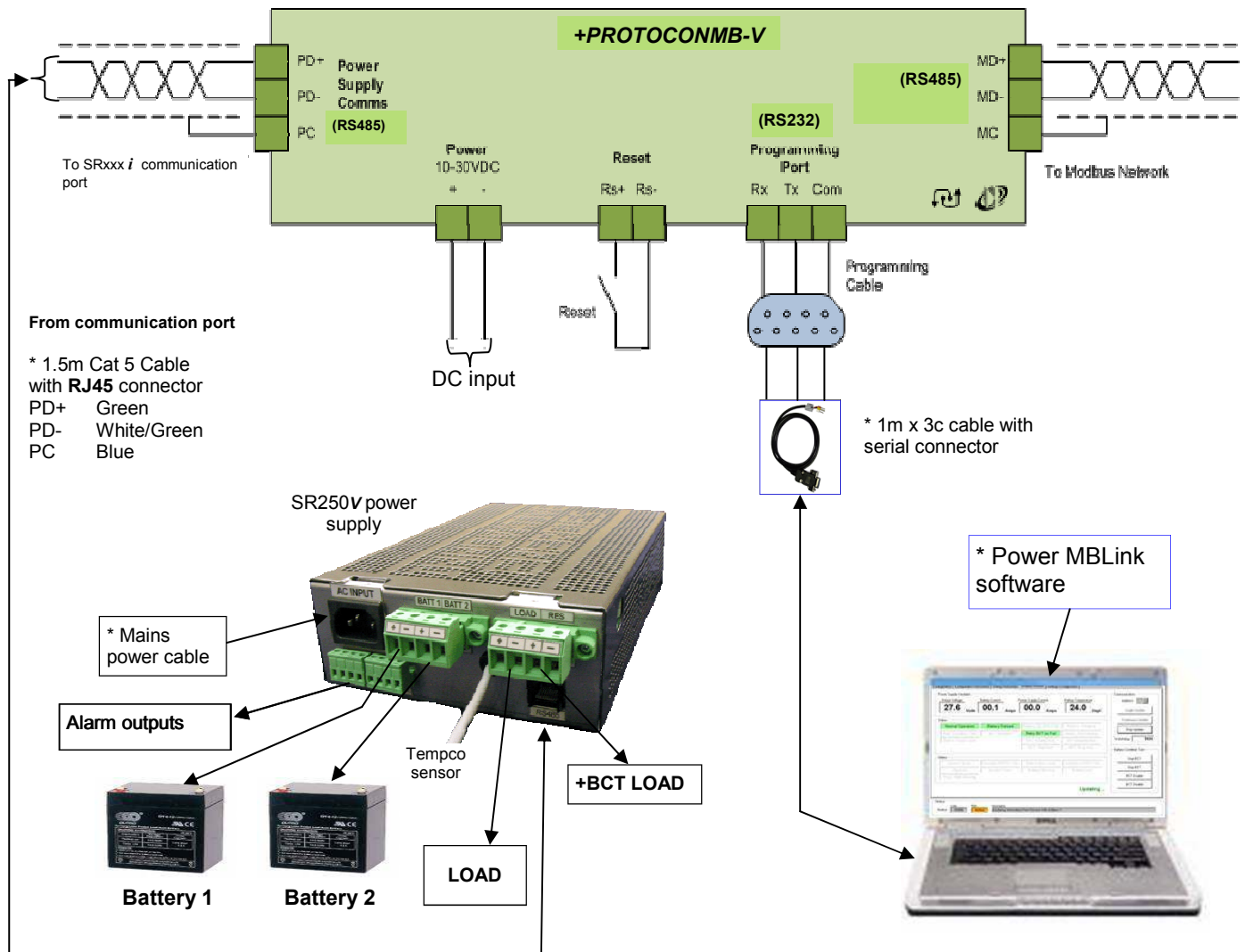
The **+PROTOCONMB-V** protocol converter is designed to be used with **SR250V.. No-Break™ DC** power supplies with **dual** battery outputs and RS485 communications output. It enables the user to monitor and control in real time various power supply parameters using Modbus RTU protocol via the RS485 output port or the RS232 programming port.

The **+PROTOCONMB-V-OE** converter, in addition to the above, an ethernet port which enables the user to monitor and control the power supply using Modbus TCP and HTTP. For further information on this version please refer to the **+PROTOCONMB-x-OE** data sheet.

The 'Power MBLink' software supplied is used to configure the Modbus address and baud rate of the interface.

Model Codes:

- +PROTOCONMB-V:** Modbus RTU on RS485 link
- +PROTOCONMB-V-OE:** Modbus RTU on RS485 & Modbus TCP and HTTP over ethernet



*** Accessories included**

Protocol Converter MODBUS via RS485 for dual battery output DC UPS

+PROTOCONMB-V

INFORMATION & CONTROL AVAILABLE VIA MODBUS OUTPUT OR LOCAL PROGRAMMING PORT

Battery (String 1 & String 2) Condition and Alarms:

- Battery present
- Battery charging
- Battery discharging
- Battery resting
- Battery OK (on input power fail)
- Battery low alarm
- Battery missing alarm
- Battery in good condition (passed BCT)
- Battery condition test in progress
- Battery in bad condition (failed BCT)
- BCT enabled/disabled
- Battery String due next scheduled test

Continuously Updated Variables:

- Output Voltage
- Battery Current
- Power Supply Current
- Battery Temperature
- Test Condition Parameters

General Alarms & Indication

- Normal operation indication
- Possible Mains/PSU Fail
- Mains failure alarm
- Overload alarm
- System down (LV disconn has operated)
- Comms PSU to converter OK/fail
- Comms converter to PC OK/fail

Control and Command Functions:

- Reset battery temperature log
- Clear bad battery alarm
- Manual start of a battery condition test
- Manual stop of a battery condition test
- Enable automatic battery condition test
- Disable automatic battery condition test
- Toggle (select) battery string for next test



TYPICAL SCREEN SHOT