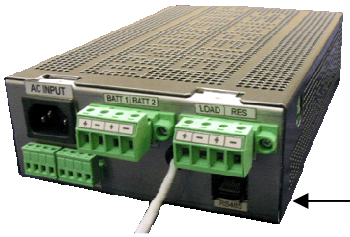
innovative energies

Global Solutions Personal Focus

SR250V

No-Break™ DC UPS with comms. & dual battery outputs

Battery condition test function standard



Optional protocol converter

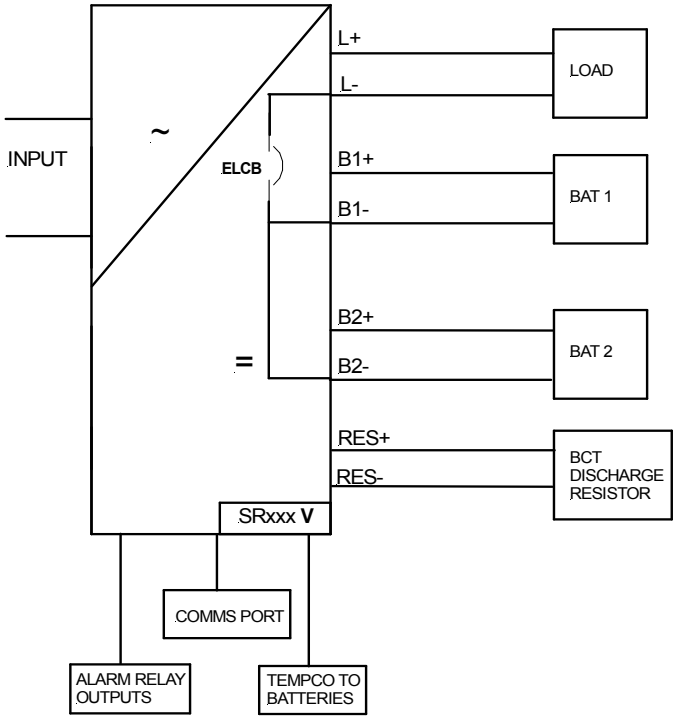
- **Choice of RS485,RS232 or LAN protocols**
- **Dual battery outputs enable full (75%) discharge battery condition test (BCT) on each string**
- **At least one battery string is always full charged**
- **Longer battery life due to resting period**
- **Fully Isolated RS485 Communications Port (optional RS232 or Ethernet available)**
- **Easily connected to existing PLC or Scada system**
- **Modbus RTU using RS232 or 485, Modbus HTTP/ TCP over ethernet**
- **Remote battery condition indication & alarms**
- **Remote enable/disable/initiation of battery condition test**
- **Remote live monitoring of power supply and battery voltage, current, temperature**
- **Setup & local monitoring using PC**

♦ 24 Month Warranty

SPECIFICATIONS: 1. Please refer to SR250C data sheet for specifications on power supply/charger

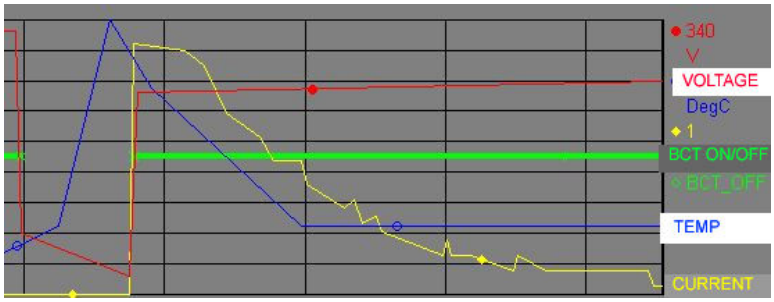
2. Full specifications on protocol converters available on request

SCHEMATIC BLOCK DIAGRAM



OPTIONS

Communication Ports available on PSU	RS485, RS232, Ethernet (LAN). All transmit IEL proprietary ASCII code
Modbus Protocol Converters	Protocol Converter for use with RS485 output from PSU, with programming port for PC & Modbus compatible outputs. ***Power MBLink*** setup software included. Modbus protocol versions available: • RTU • TCP/IP Codes: **+PROTOCONMB-V:**supports Modbus RTU on RS485 link **+PROTOCONMB-V-OE:** supports Modbus RTU on RS485 or RS232 link and Modbus HTTP & TCP over ethernet
Battery Condition Test (BCT) Discharge Resistor	BCT discharge resistor available, size of resistors depends on application, specify **+BCT LOAD**

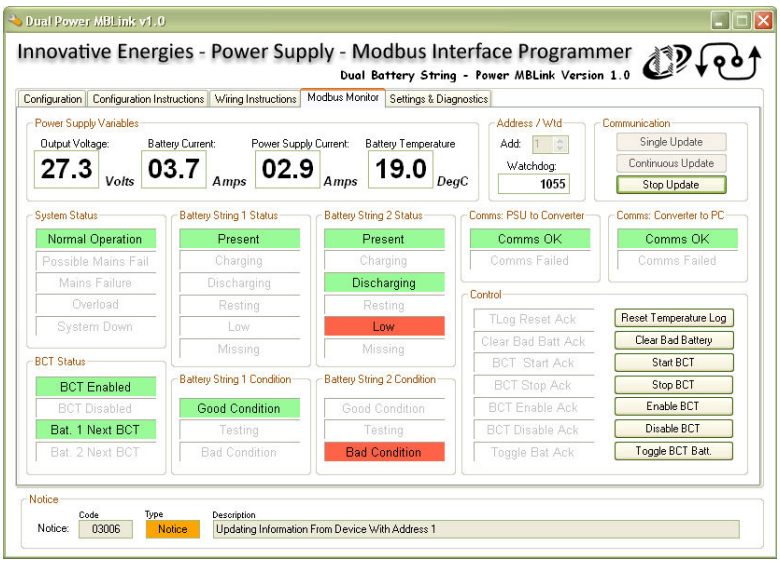


Recording of battery voltage, battery temperature & PSU current during and after battery condition test

250 Watt *No-Break*™ DC WITH DUAL BATTERY OUTPUTS

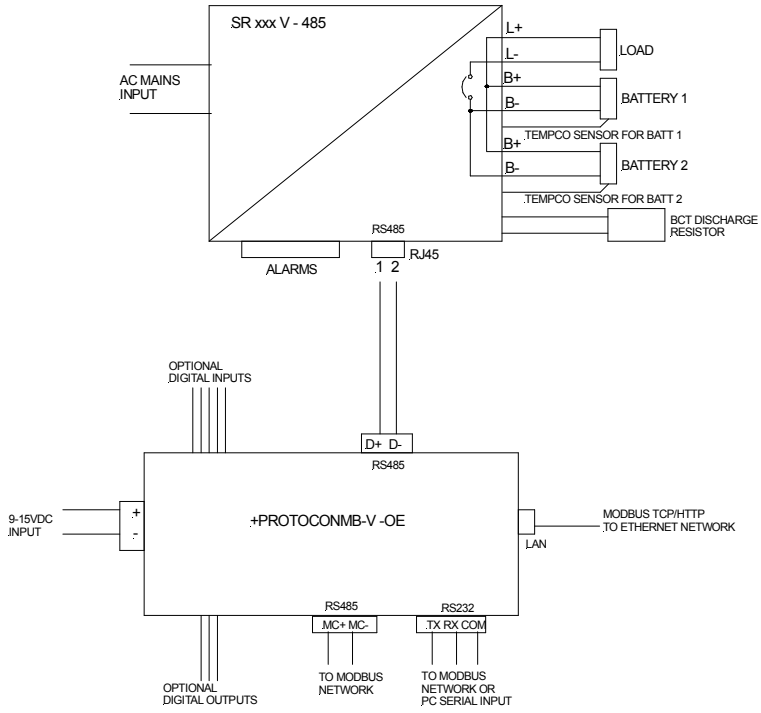
SR250V

MODBUS MONITOR



Optional protocol converter
+PROTOCONMB-V-OE

SCHEMATIC BLOCK DIAGRAM SHOWING CONNECTION WITH +PROTOCONMB-V-OE MODBUS CONVERTER



MODEL IDENTIFICATION CODES

SR250V12 T F S L 485

Type of Communications Interface Port — **485** = RS485 **232** = RS232 **LAN** = ETHERNET

Input voltage and front Panel standby switch	230V AC + switch = L 110V AC + switch = U 110V DC + switch = H 230V AC + switch + 300V MOV = M (To be used with IE OVP HV AC)	230V AC no switch = blank 110V AC no switch = G 110V DC no switch = J
Output DC Connector type:	Stud = S	Phoenix combicon (plug in screw terminal block) = X
Fan cooled:	With fan = F	No fan = blank
Temperature Compensation	Yes = T	No = blank
DC output: Nominal voltage	12, 24, 30, 36, 48	
Function	V = ***No-Break***™ DC PSU/charger with dual string battery output & communications port	
Power	250W	