

IPN ProRemote



IPN ProRemote (S) combines full-featured monitoring for both your charge controllers and your battery system with a bright, easy to use LCD display. Peace of mind comes from accurate information regarding your system battery life, which accounts for many factors including charge/discharge current, the type and size of your battery, temperature, and how the battery was brought to full charge. And a larger system is no problem, as each IPN ProRemote can monitor up to eight (8) charge controllers on a single IPN network. Want to hook up a new panel or battery type? Change your system settings quickly and easily directly through the IPN ProRemote display. Users can change a wide variety of settings, including voltage thresholds, auxiliary outputs, or dusk-to-dawn lighting control.



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Product features

- Check your system on the bright, crisp LCD display
- Change settings easily with three button control panel
- Monitor charge status with an intuitive LED indicator
- Resists corrosion with conformal coating

Charge Controller monitoring

- Total input/output current
- Individual controller input/output current, PV voltage and internal temperature
- LVD status or load output

Battery monitoring

- Battery voltage, net current and temperature
- Remaining battery capacity shown in percent & bargraph
- Amp-hours from full charge
- Days since last full charge & last equalization
- Captures minimum & maximum battery voltage
- Lifetime battery discharge amp-hours

Parameters setting

- Programmable fully adjustable dusk to dawn lighting control
- Programmable load output charge controller
- Programmable voltage battery threshold (low-voltage battery, load output reconnection, or Lithium battery)
- Equalize ON/OFF control and time remaining
- Resettable total output amp-hour (Ah) counter

Accessories

- Current Shunt 50mV/500A (IPN ProRemote-S)
- Adapter plate (Pro-Adapter)

IPN compatibility

- All the charge controllers (except for SC30)
- In IPN network: SB1524iX, SB2512iX-HV, SB3024iL(DiL), SB3000i only as master

Warranty

- Full 5 Year Limited Warranty

IPN ProRemote	
Specifications	
Power Consumption	0.25W standby, 1.0W backlit ON
Battery Ammeter	Accuracy ±1% FS / Range ±773.3A FS
Battery Size	20 – 10,000 Amp-hours
Amp-hours from Full	0 – 16,383 Amp-hours
Full Charge Determination	Automatically matched to IPN setup
Remaining Batt. Capacity	0 – 100% in 1% increments, self discharge rate and self tuning charge efficiency. Temperature compensated.
Lifetime Battery Ah	0 – 9,999,999 Amp-hours
Total Charge Amp-hours	0 – 16,383 Amp-hours, user resettable
Days Since Full Charge	0 – 255 Days
Days Since Equalize	0 – 255 Days
Backlit	Can be set to ON, OFF or AUTO
Communication, Power&Cabling	Communication via 4-pin telephone cable length to 500' (152m). Current shunt via twisted pair cable length to 300' (91m)
Operation Conditions	
Environmental	-40 to +40°C
Mechanical	
Degree of Protection	IP00
Dimension (X,Y,Z)	(4.43, 4.43, 1.38)" (11.2, 11.2, 3.5)cm
Weight	0.35 lb (160g)

