

RATTLER | 3s

Remote Monitoring and Control for Solar Applications

The RATTLER 3s, a low cost, compact device offers remote monitoring and control for your solar powered equipment. Equipped with cellular connectivity and data collection capabilities, the RATTLER 3s provides exclusive access to our cloud-based platform, allowing for 24/7 monitoring of system operation. View system statuses in real-time or through automatically generated reports, and get notified of critical issues via email and text alerts.

The low-powered device can be installed into the smallest solar panels on the market, where the device allows you to monitor the health of solar panels, batteries, and other connected devices. Control your solar system remotely by setting outputs to specific values and/or utilizing logic tables or PID control.

This embedded, hardened field device with integrated wireless telematics and cloud software will ensure advanced, remote monitoring and control from anywhere at any time.



WHY RATTLER?

- Cost-effective solution
- Exclusive access to cloud-based monitoring platform
- View system status in real-time
- Control capability (PID Control/Logic Table)
- Notification of critical issues
- Failure alerts sent via text or email
- Automated reports
- Greater system insight
- "Last-gasp" battery backup
- Utilizes the industrial standard 4-20 mA current loop



CONNECTIVITY - FULLY INCLUDED

Cell Modem	4G Cat M1
GPS	Yes
OTA Software Update	Yes

INDUSTRIAL I/O

Analog Inputs (0-30V)	1
Analog Inputs - Voltage (0-280V)	2
Analog Inputs - 4-20mA	2
Digital Inputs	4
Digital Outputs - On/Off, Freq., PWM	2
Internal Temperature Sensor	Yes
USB Port	Yes

MISCELLANEOUS

Control Capability	PID Control, Logic Table, VFD Control
Non-volatile Memory	Yes
Operating Temperature	-37°C to 74°C
Humidity	5-95% Non-Condensing
Dimensions	1" x 2.375" x 4.5"
Input Voltage	10-30V DC
Power Consumption DC	< 20mA @ 12VDC (for Optional Solar Applications)



Rattler System



Rattler Connectors