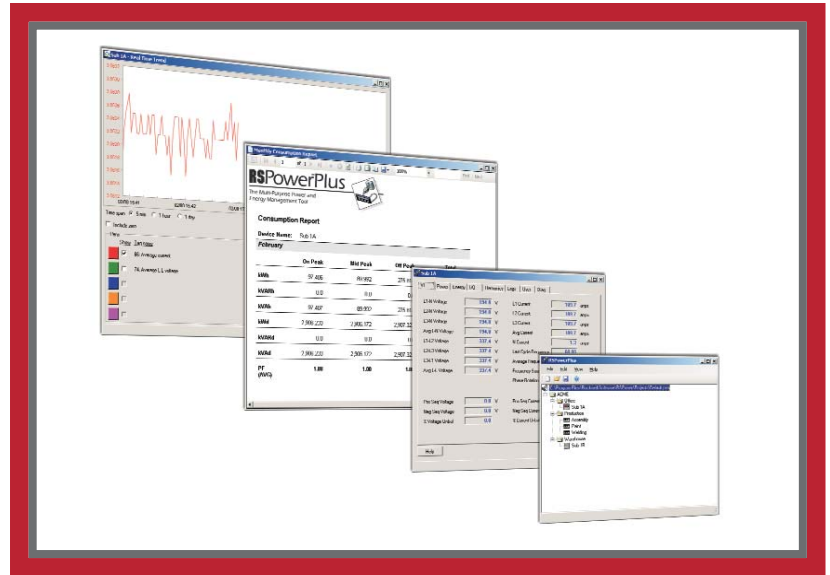# TECHNICAL DATA

RSPower and RSPower Plus
Put Power Monitor Data at your Fingertips

Benefits:

- Remotely organize and configure your Powermonitors
- Store configuration in one place
- View real-time Powermonitor data
- View log and historical data remotely
- View harmonic, transient, sag/swell, and waveform data
- OPC server

Solve your power monitoring and energy management problems using Rockwell Automation power monitoring hardware teamed with RSPower™ software from Rockwell Software®.

RSPower is a .NET/Windows® -based software program that configures and displays data from all Rockwell Automation power monitors. RSPower is a complete tool that allows you to save power monitor data to disk, print data, harmonics and waveforms, and manage your power monitor configurations.

Install RSPower as a stand-alone package or as an extension of RSView32™ HMI software and begin working with your power monitoring equipment from your desktop.

Rockwell
Automation

RSPower and RSPowerPlus Key Features

Quick and easy configuration, monitoring and integration of power information

- Organize your Allen-Bradley® Powermonitors into a graphical tree to represent your specific configuration or view the power monitors in a sorted list
- Upload and download your Powermonitor configuration parameters from your PC
- Save your entire site configuration as well as the individual data from each monitor
- Continuous access to all power data from your PC
- Display your data in pop-up views of real-time data
- Display historical data stored within the power monitor
- RSPower contains an OPC server to simultaneously provide power monitor data to many external software packages
- Flexible communications via RSLinx® to communicate with Powermonitors

RSPowerPlus Key Features

Pre-configured Billing and Consumption Reports

- Run pre-configured monthly or yearly electrical consumption reports for each individual Powermonitor utilizing the TOU function in the Powermonitor 1000 and 3000 family of products
- Run pre-configured monthly or yearly billing reports by manually entering consumption and demand rates utilizing the TOU function in the Powermonitor 1000 and 3000 family of products

Pre-Configured real-time and historical Trending Tools

- Display real-time trending for up to 5 parameters simultaneously
- Display historical trending for data directly from the trend log of each meter
- User defined limits for monitoring of electrical parameters (i.e. demand monitoring)

Advanced presentation of data including Power Quality parameters

- Pop-up windows are available to view, print, and save harmonic spectral data, waveforms, event logs, min/max logs, and snapshot logs
- Displays the harmonic content of your electric signal on your PC screen in both spreadsheet and bar graph formats
- Check power line condition before, during, or after a disturbance

RSPowerPlus Benefits

- Real-time monitoring of electrical parameters
- Generate consumption and demand reports for a plant, department or process
- Provides billing reports, based on real energy consumption and demand, for a plant, department or process
- Trending of real-time and historical electrical parameters
- Track power quality problems and pinpoint causes of disturbances that could yield big paybacks

System Hardware requirements

- Pentium 4 or P4 - compatible microprocessor
- 256 MB of RAM
- 100 MB of available hard disk space
- CD-ROM/DVD-ROM drive
- 3.5-inch, 1.44 MB disk drive
- Windows 2000, Windows 2000 Server, Windows XP, or Windows Server 2003
- Microsoft .NET Framework 2.0
- Adobe Acrobat Reader
- RSLinx Classic 2.51

RSPower Hardware Requirements

- Rockwell Bulletin 1400 Powermonitor, 1403 Powermonitor II, 1404 Powermonitor 3000, 1408 Powermonitor 1000
- Appropriate communications interface to the Powermonitor
- Ethernet, ControlNet™, DeviceNet™ or Remote I/O connection between Powermonitor and PC*

RSPower

Catalog Number	Description
9307-RSP32LXWENE	RSPower Works Bundled with Communication Drivers
9307-RSP32LXRENE	RSPower Runtime Bundled with Communication Drivers
9307-RSP32WENE	RSPower Works without Communication Drivers
9307-RSP32RENE	RSPower Runtime without Communication Drivers

RSPowerPlus

Catalog Number	Description
9307-RSPPLXWENE	RSPowerPlus Works Bundled with Communication Drivers
9307-RSPPLXRENE	RSPowerPlus Runtime Bundled with Communication Drivers
9307-RSPPWENE	RSPowerPlus Works without Communication Drivers
9307-RSPPRENE	RSPowerPlus Runtime without Communication Drivers

RSPower to RSPowerPlus Upgrade

Catalog Number	Description
9307-RSPPWU1	RSPower Works to RSPowerPlus Works upgrade
9307-RSPPRU1	RSPower Runtime to RSPowerPlus Runtime upgrade

ALSO FROM ROCKWELL SOFTWARE

RSEnergyMetrix™ – a Web server-based HMI for profiling energy loads, allocating energy costs, and verifying utility bills.

RSView32 – a complete HMI for monitoring and controlling your automation machines and processes.

RSLinx – a comprehensive communications driver suite for all Allen-Bradley networks.

www.rockwellautomation.com