

PM-002

Total Power™ Power Management Controller



They Say Knowledge is Power. We Prove It.

At SilverLeaf, we believe that electrical power should be “plug-and-play” - just like in your home. But as any experienced RVer knows, coach power is far from that simple. Managing your inverter, charger, generator, batteries, and shore line requires watching three different control panels, understanding what they all mean, and taking the right action at the right time. But it doesn't have to be this complicated.

With our Total Power™ system, power is simple again. Your VMS™ becomes the single control panel for all things electrical, and puts you in complete command of the system. It allows you to monitor the performance of your inverter/charger and generator and the status of your batteries from a single point, adjust their settings, and control their activity. The information is presented in easy-to-understand graphic displays. And if any component has a problem, the VMS™ gives you the details in plain language.

But the Total Power™ system does more than monitor - it controls. It starts and stops the generator for optimum battery charging and exercise. It's smart enough to respect “quiet time”, and even tops off your batteries just before quiet time starts so you don't run out of juice in the night. Unlike conventional genstart modules, the Total Power™ system is tied directly into the generator and inverter/charger electronics. It's much more intelligent - and far safer for your coach.

The Total Power™ system requires any VMS™, a SilverLeaf PM-002 system controller, and an Onan QD™ Generator with Communication Node. It also requires a Heart Freedom or Combi 458, Prosigne, Trace SW4024, or Invertrix inverter/charger.

Features

Generator Monitor

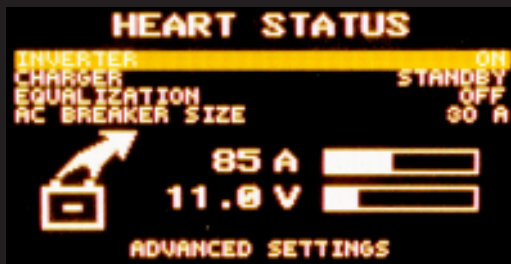
- Load, Temp, Run Time, RPMs
- AC Frequency, Voltage
- Manual Start/Stop
- Plain Language Diagnostics

Inverter / Charger Monitor

- Battery Voltage, Amperage
- Charging Status
- Plain Language Diagnostics
- Additional Features per Model

Intelligent Genstart

- Battery Autocharging
- Quiet Time, w/ Topoff Feature
- Programmable Exerciser
- A/C Thermostat Input



Actual Screen Shots from a VMS 200 EL



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Specifications (PM-002 Controller)

Dimensions	3.8" x 6.5" x 1.3"
Power Requirement	250 mA
Ports	1 Onan 4 Inverter/General Purpose 4 Discrete I/O 1 VMS™