

WattmonMINI

The WattmonMINI is a reduced version of the [WattmonPRO](#) with a single Modbus RTU port. It is a smaller and more cost effective product with less features, designed for the sole purpose of collecting data over RS-485 and transmitting it to the web: current sensors, power meters, inverters and charge controllers can all be connected to the Modbus for remote monitoring and control.



Compared to the [PRO](#) and the [MEGA](#), which support Modbus, RS-232 Serial and several other I/Os, the MINI supports only RS-485 Modbus RTU/TCP. Although it does not have the I/O connectivity of the [PRO](#) or the [MEGA](#), the MINI has the same functionality, with an identical firmware, OS and web interface. The MINI utilizes the same Ethernet, USB 3G or GPRS interfaces as the [PRO](#).

For power the MINI has a wide input voltage range of 12-24V DC.¹⁾ Similar to the [PRO](#) and the [MEGA](#) it consumes less than 2 watts of power without accessory devices.

[Overview](#) - Introduction to the features of the WattmonMINI

[DataSheet](#)

User Manuals

These User Manuals are helpful for the MINI:²⁾

- [Quick Start Guide](#) ([PRO](#) and MINI)
- [Overview](#) ([PRO](#))
- [Chapter 1, Hardware Installation](#) ([PRO](#))
- [Chapter 2, Connecting to the Web Interface](#) ([PRO](#))
- [Chapter 3, Using the Wattmon Operating System](#) ([PRO](#))
- [Troubleshooting](#) ([PRO](#))

The Latest and Most Capable Wattmon was Introduced Next:

- The [WattmonMEGA](#) has 512KB RAM, 100mbps Ethernet, and operates at 200MHz making it over twice as fast as the [PRO](#).

1)

There was an early release of the MINI that was powered with an inbuilt AC adapter and functioned on anything between 80 and 240V AC. This AC version of the MINI is no longer available, and only a few were produced. In all other respects it is identical to the current DC powered model. For those that



might have one of these AC powered MINIs: [WattmonMINI AC DataSheet](#)

2)

These User Manuals are somewhat “dated,” having been written during times when the newer Wattmons had not yet been released, and they sometimes feature or show specific [Modules](#) or [Hardware](#) that are obsolete (no longer available). However, the OS is the same for all of the [Wattmons](#). Therefore the hardware differences are the only thing to keep in mind when using these manuals, especially the [Original Wattmon](#) and [WattmonMINI](#) which do not have the additional I/O ports that are provided on the [PRO](#) and [MEGA](#).

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