

# MAGWEB | WEB MONITORING KIT

## Introduction

The MagWeb is a powerful and cost effective tool for remotely monitoring Magnum Energy brand inverters and accessories. Installed on the Magnum network, the MagWeb provides live Internet monitoring of the inverter, battery monitor, and automatic generator start module. Using your always on Internet connection, the MagWeb makes live and historical conditions available to you through a web browser at [data.magnumenergy.com](http://data.magnumenergy.com).



## Features

- Data Samples – The MagWeb constantly streams data to your personal web pages, providing details on Current Conditions, Current Settings, and Daily Summaries for historical records. The samples below provide snapshots of the standard web pages.

## Web Based Monitoring

- Inverter/Charger
  - Status
  - Program Settings
  - Faults
  - DC volts, DC amps
  - Invert, Charge LEDs
- Tech menus
- Battery Monitor status
- Auto Gen Start (AGS) status

## Model Numbers

- ME-MW-W (wireless)
- ME-MW-E (ethernet)

## Works With

- MM-AE Series
- MS Series
- MS-PAE Series
- MSH-RE Series
- RD Series



# SPECIFICATIONS

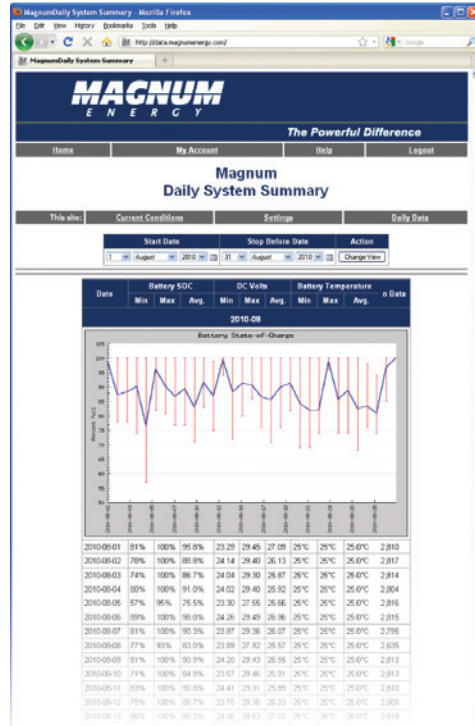
<b>ME-MW-W / ME-MW-E</b>	
<b>Sample Rate</b>	
Fixed 30 second sample interval	
2,800 measurements per day	
<b>Communication – 802.15.4 XBee Wireless</b>	
For use with our data.magnumenergy.com service	
US version	2.4 GHz, 63 mW (+18 dBm) 300' indoor range, up to one mile line of sight outdoor range
International version	2.4 GHz, 10 mW (+10 dBm) 200' indoor range, up to 2,500' line of sight outdoor range; special order only
Low power version	2.4 GHz, 1 mW (+0 dBm) 100' indoor range, up to 300' line of sight outdoor range; special order only
Direct Sequence Spread Spectrum (DSSS)	
RP-SMA connector and included rubber duck antenna	
Requires 802.15.4 XBee to Ethernet wireless gateway	
Wireless agency approvals	United States (FCC Part 15.247) Industry Canada (IC) Europe Japan Australia
<b>Power Draw</b>	
MagWeb	< 0.1 watts average from Magnum bus
Wireless Gateway	< 4 watts average from 120 VAC
<b>Materials</b>	
MagWeb case	ABS plastic, flame retardant, UL94V-0
Wireless Gateway case	Anodized aluminum
All parts are RoHS compliant, no lead used in manufacture	
<b>Physical Specifications</b>	
Shipping weight	3 lb (1.36 kg)
<b>Kit Includes</b>	
MagWeb 802.15.4	Manual Communications cable (2-conductor, 10' twisted pair, telephone standard) Mounting screws Antenna
Wireless 802.15.4 Gateway	Antenna Ethernet cable, 10' AC adapter (Energy Star, North American plug)
<b>Remote Requirements</b>	
ME-RC or ME-ARC required when monitoring device(s) other than inverter	

## Current Settings



Settings Date:	2010-10-05 18:48:23
<b>Inverter Settings</b>	
Model:	MS4024
Revision:	3.7
Stack Mode:	Standalone Unit
<b>Remote Settings</b>	
Revision:	2.1
AC Search Watts:	No Searching, Always On
AC Shore Amps:	60
Charger Amps:	20% of full value
Auto Generator Start:	Off
<b>Battery Size:</b> 1600 amp / hours	
Low Battery Cut-Out:	21.0 VDC
Absorb Voltage / Time:	28.8 VDC (for 0.0 hours)
Float Voltage:	27.0 VDC
Equalize Voltage:	28.9 VDC
<b>Battery Monitor</b>	
Revision:	1.0

## Daily System Summary



## Current Conditions



Date:	2010-10-05 18:50:25
<b>Battery Monitor (DC)</b>	
State of Charge:	100%
Volts / Amps:	26.88 VDC @ 17.2 amps (462 watts)
Amp Hours In / Out:	+89 amp hours
Volts Min / Volts Max:	23.33 VDC Min / 30.42 VDC Max
<b>Inverter</b>	
Status:	Absorb Mode Absorbing with AC
LEDs:	Inverting Charging
Temperatures:	Battery: 25°C / 77°F Transformer: 59°C / 136°F FETs: 41°C / 105°F
AC Out:	Active: (0 amps)
AC In:	Active: (0 amps)

## GENERAL NOTES

Testing for specifications at 25° C. Specifications subject to change without notice.

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