

## Magnum Battery Monitor Kit (ME-BMK)



### Product Description

- Monitor battery bank
- Determine SOC (State of Charge)



#### Dimensions:

Product:  
560mm x 380mm x  
330mm

Weight : 14,5 Kg

### Specification Summary

: Magnum Battery Monitor Kit (ME-BMK)

Product  
Monitor

State of Charge 0-100%

DC Volts

DC Amps

Amp Hours In/Out

Resettable Amp Hours Out

Total Amp Hours Out

Min Volts DC

Max Volts DC

## Product Description

SMA Home Manager is the control center for smart energy management.

It provides an overview of all energy flows in the household, automatic load control and storage system integration.

Energy management with the SMA Home Manager allows for higher self-consumption and efficient use of generated PV power.

Warranty

5 Year



### Dimensions:

Product:  
170mm x 124.5mm x  
41.5mm

Weight : 0,22 Kg

## Specification Summary

Product	: SMA Sunny Home Manager
<u>Communications</u>	
Load Communication	: Ethernet / Plugwise radio control socket
Inverter Communication	: Bluetooth / Speedwire
Sunny Portal Communication	: Ethernet
<u>Connections</u>	
Inverter	: Bluetooth / Speedwire
Ethernet	: 10 / 100 Mbit, RJ45
Energy Meter	: SMA Energy Meter via Ethernet
Max number of devices	: 24
Number of devices as loads	: 12
Max Radio Range	: Up to 100m with SMA radio controlled socket
Speedwire	: 100m
Input Voltage	: 240V 50Hz

## Product Description

SMA Energy Meter is for the universal recording of measured values for intelligent energy management.

Measures : Grid Feed-in / Purchased Energy / PV Generated Data.

Facilitates optimal energy monitoring, effective load and battery management, reliable active power limitation at grid feed-in point while taking self consumption into account.

Warranty

2 Year



### Dimensions:

Product:  
88mm x 70mm x 65mm

Weight : 0,3 Kg

## Specification Summary

Product	: SMA Energy Meter
<u>Communications</u>	
Fieldbus	
Max Radio Range	: 100m (between 2 devices)
Input Voltage Range	: 230V / 400V 50Hz
Nom Current / Limiting Current	: 5A / 63A
Connection cross section	: 1mm sqr - 25mm sqr

## Product Description

SMA Cluster Controller is for professional monitoring and control of decentralized PV systems.

Together with SMA Inverters the Cluster Controller is the central communications unit for system monitoring, recording data and controlling large scale PV Plants. Can manage from 25 – 75 devices.

Warranty

5 Year



### Dimensions:

Product:  
275mm x 133mm x 71mm

Weight : 0,9 Kg

## Specification Summary

Product	: SMA Cluster Controller
<u>Communications</u>	
Inverter	: Speedwire, 10/100 Mbits/s
Data Network (LAN)	: Fast Ethernet, 10/100 Mbits/s
Data Interfaces	: HTTP, FTP, Modbus TCP/UDP, SMTP, Sunny Portal
<u>Connections</u>	
Inverters / LAN	: 2 Ports/10BASE-T or 100BASE-TX, RJ45, Switched
Data Storage	: 2 USB 2.0 Ports
Max number of devices	: 75(CLCON-10) / 25(CLCON-S-10)
Number of devices as loads	: 12
Max Radio Range	: Speedwire / LAN 100m
Input Voltage	: External Power Supply 18VDC-30VDC
Power Consumption	: Typ 12W / Max 30W
Digital Inputs / Setpoints for Active & Reactive Power	: 8
Analog Inputs Used for Irradiation / Voltage measurement & Setpoints	: 3 x Current Inputs / 1 x Voltage Input
Advanced Functions with Sunny Portal	: PV System Monitoring, Performance Analysis, Presentation, Report, Mobile Data access.

## Product Description

- Cost effective remote monitoring via Ethernet or Wireless
- Report on system parameters
- Data samples of Current Conditions, Current Settings, Daily summaries.
- Inverter/Charger Status
- Program settings & faults
- DC Volts, DC Amps, BMK status



## Specification Summary

: Magnum Magweb Web Monitoring Kit

Product  
Monitor

Wireless

30 sec Sample Rate

2800 Measurements / Day

Communication

2.4Ghz, 10mW(+10dBm) 50m indoor range, 750m Line of sight outdoor