

SMA DATA MANAGER M LITE

EDMM-10.A



ennexOS
CROSS SECTOR ENERGY MANAGEMENT

Fast and simple

- Quick and intuitive commissioning including Sunny Portal registration
- Simple integration of I/O systems and energy meters

Future-proof and flexible

- Can be flexibly expanded to satisfy new requirements and changing customer needs via software expansion packs
- Ideal for use cases in markets that require zero export

Versatile

- More carrier options for cellular connection (3rd party) of multiple Sunny Boy inverters
- Complete system monitoring with Analysis Pro in ennexOS

Lowest risk solution

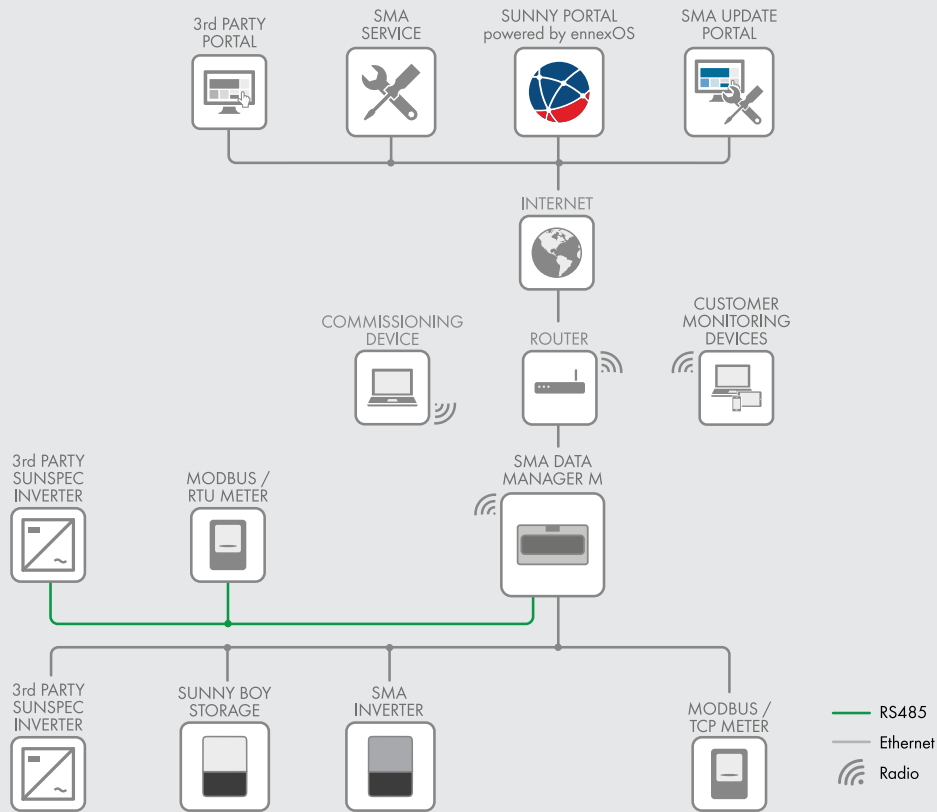
- Secure remote monitoring of all connected components
- SMA was named the #1 global provider of monitoring and energy management solutions by Navigant and GTM Research

SMA DATA MANAGER M LITE

A new level of residential energy monitoring and management

In combination with the new Sunny Portal powered by the award-winning ennexOS, the Data Manager M Lite optimizes communication, monitoring and control of residential PV systems. The Data Manager M Lite is the latest, most cost-effective version of SMA's Data Manager product family. It operates using the ennexOS software platform based on the Internet of Things (IoT) for energy management. With intuitive setup functions for the Data Manager M Lite and inverter, commissioning time and associated labor is significantly reduced. This solution is ideal for applications in markets that require zero export, such as Hawaii. The Data Manager M Lite powered by ennexOS is the perfect energy management solution for homeowners and installers alike.

SYSTEM DIAGRAM



Technical data	SMA DATA MANAGER M LITE
Communications	
Supported devices	Maximum 5 devices (inverters, meters, I/O interface) AND Maximum 1 battery inverter AND Maximum 30kVA total for PV inverters and/or battery inverters
Connections	
Voltage supply	2-pin connection, MINI COMBICON
Network (LAN)	2 x RJ45, switched, 10BaseT/100BaseT
USB	1 x USB 2.0, type A
Voltage supply	
Voltage supply	External power supply unit
Input voltage	10 V to 30 V, typical 24 V _{DC} @ 2.5 A
Power consumption	Typically 4 W
Ambient conditions in operation	
Environment	Restricted class 3K7 reg. IEC60721-3-3
Ambient temperature	-4 °F to +140 °F
Permissible range for relative humidity (non-condensing)	5% to 95%
Maximum operating altitude above MSL	0 m to 3,000 m (≥70 kPa)
Degree of protection according to IEC 60529	IP20
General data	
Dimensions (W / H / D)	6.36 inch / 3.53 inch / 2.65 inch
Weight	0.5 lb
Mounting location	Indoors
Mounting type	Top-hat rail mounting / wall mounting
Status display	LEDs for system and communication status
Features	
Warranty	2 years
Certificates and approvals	www.SMA-Solar.com
Accessories (optional)	
Compatible energy meters	Elkor WattsOn Mark II, CCS WattNode, MeasureLogic, SunSpec Compliant energy meter
I/O system by Moxa Europe GmbH	ioLogik E1242 (4AI/4DI/4DIO), SMA order number: eIO-E1242 ioLogik E1260 (6RTD), SMA order number: eIO-E1260
I/O system by WAGO Kontakttechnik GmbH & Co. KG	WAGO I/O SYSTEM 750 (8DI, 8DO, 4AI, 4AO, 2RTD), SMA order number: eIO-750Bundle
Type designation	EDMM-10.A

EDMM10US10-en-12 SMA and ennexOS are registered trademarks of SMA Solar Technology AG. Printed on FSC-certified paper. Changes to products and services, including those resulting from country-specific requirements, and deviations from technical data are subject to change without notice. SMA assumes no liability for errors or omissions. For the latest information, go to www.SMA-Solar.com