

SMA Energy Meter, three-phase meter

Product code: AF.licznik.sma.02.3faz



Smart metering device for intelligent energy management within the SMA Smart Home, known as the SMA Energy Meter, gathers precise and balanced measurements for each phase. It operates like a standard electricity meter, recording both the energy consumed from the grid and that purchased, then transmitting this data via Speedwire. Thanks to its rapid measurement acquisition, the SMA Energy Meter is an ideal source of information for intelligent energy management within the SMA Smart Home. All data concerning generated photovoltaic energy, purchased electricity, and energy drawn from the grid can be easily transmitted via standard Ethernet cables to devices such as the Sunny Home Manager or future Sunny Boy Smart Energy devices. This, in turn, facilitates optimal monitoring of energy consumption, efficient load and battery management, and reliable active power limitation at the grid connection point, while simultaneously considering energy consumption for self-use.

Product variants

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| SMA Energy Meter, three-phase meter AF.licznik.sma.02.3faz | Product prices only visible after login. If you do not have an account, please register. |

Product description

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electricity, and energy drawn from the grid can be easily transmitted via standard Ethernet cables to devices such as the Sunny Home Manager or future Sunny Boy Smart Energy devices. This, in turn, facilitates optimal monitoring of energy consumption, efficient load and battery management, and reliable active power limitation at the grid connection point, while simultaneously considering energy consumption for self-use. Advantages of the SMA Energy Meter: Universal measurement reading for intelligent energy management Fast and trouble-free installation Graphical visualization of current measured values in Sunny Portal Utilization of standard Ethernet cables for Speedwire communication Universal deployment options regardless of existing energy meters Easy and flexible connection with SMA Smart Home system components Quick three-phase reading of measured values for efficient energy management Fast Speedwire communication

Technical data of the SMA Energy Meter: Fieldbus: Speedwire, 10/100 Mbit/s Speedwire - 100m between two devices Rated voltage: 230 V / 400 V Frequency: 50 Hz / 60 Hz Rated current / maximum current per phase: 5 A / 63 A (for > 63 A connection via external current transformer) Dimensions (width x height x depth): 88 mm x 70 mm x 65 mm Weight: 0.3 kg Mounting location: Switchgear cabinet or meter cabinet Mounting method: DIN rail mounting Status indication: 2 LED indicators