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SCHOOL METER BOX

Display AC Consumption Data – S/0 to RS485

The Schoolmeterbox from SMA allows you to display the energy load of a meter. When connected to the S/0 output of an energy meter the pulses are converted to a signal which is read by the Sunny WebBox.

This data can then be presented via the Sunny Portal web page, locally via the SMA Flashview program or directly to the Sunny Matrix for a brilliant public display. The data can also be captured on a local PC for use on another web page or for data capture. It's small, compact, and blends right in to the PV system.

User Friendly

» Easily monitor the AC power load
» Works seamlessly with the Sunny Portal and Flashview
» Easy integration with SMA communication products
» Works with most energy meters
» Helps display the energyconsumption data as required by the National Solar Schools Program (NSSP)

Flexible

» Integrates easily into existing PV systems
» Easy installation
» Converts the S/0 signal to RS485 data
» Works with most energy meters
» Multiple meter boxes possible per application for comparison

Communication	
To WebBox	RS485
To energy meter	S0
Max. communication range	
To WebBox	1,200 m
To energy meter	0.5 m
Power supply	
Input voltage	240 v / 12 V
Power consumption	1 W
Environmental conditions for operation	
Ambient temperature	−20 °C to +65 °C
Relative humidity	5 % to 95 %, non-condensing
Enclosure Rating	IP20
General data	
Dimensions (W/H/D) in mm	102 / 30 / 54
Weight	approx. 80 g
Mounting location	indoor
Features	
Operation	through the Sunny WebBox interface
Certificates and approvals	www.SMA-Australia.com.au