

Solar-Log™ Meter

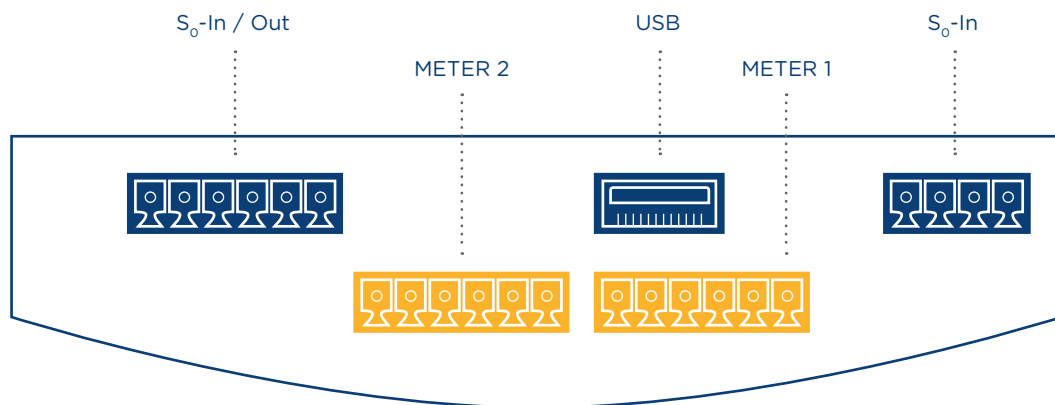
Metering power in a simple and effective way

The Solar-Log™ Meter provides detailed measurements for AC power, as well as for consumption and PV production. It has an integrated interface to connect up to six current transformers (CTs). This allows up to six single-phase outputs to be connected, measured and visualized, or for example two 3-phase outputs. The phases only have to pass through the sensors. Current transformers with an opening mechanism even permit an installation without opening the circuit.



With this, the Solar-Log 300 and 1200 fulfill the requirements for an energy management system with one single device: PV production measurements as well as self-consumption measurements and management. The Solar-Log™ Meter provides a comprehensive system with great benefits and minimal installation time.

Variable power reduction cannot be implemented by the Solar-Log™ Meter in connection with Solar-Log™ CTs. The Solar-Log™ requires an additional power meter connected to the S_0 or RS485 interface for variable power reduction.



The connection panel of the Solar-Log™:
Connections for up to two 3-phase transformers / CTs

Article number

Solar-Log 300, 1200 Meter	255582, 255590
Solar-Log™ CT 16 A	255639
Solar-Log™ CT 100 A-c	255640
Solar-Log™ CT 100 A-o	255638

Solar-Log™ Current Transformers (CTs)

Current transformers (CTs) are used to record the measured values and send the values to the Solar-Log™ Meter. The data from the connected appliances can be displayed accordingly in a daily consumption graph or table.



Daily consumption tables from the connected appliances.



Technical data

	Solar-Log™ CT 16 A	Solar-Log™ CT 100 A-c	Solar-Log™ CT 100 A-o
	Sealed transformer 80:1	Sealed transformer 500:1	Open transformer (folding mechanism) 500:1
Primary measurement	16 A		100 A
Secondary output		200 mA / max. 6.7 V	
Accuracy	±4% between 1 A - 16 A		±4% between 1 A - 100 A
Diameter / outer Dimension	4.32 cm	5.33 cm	5.18 x 5.43
Depth	1.91 cm	1.91 cm	1.64 cm
Opening	0.7 cm	1.86 cm	1.86 cm
Cable length	3 m (it can be extended up to 30 m with 0.75 mm² cable)		