

Solar-Log™ Meter

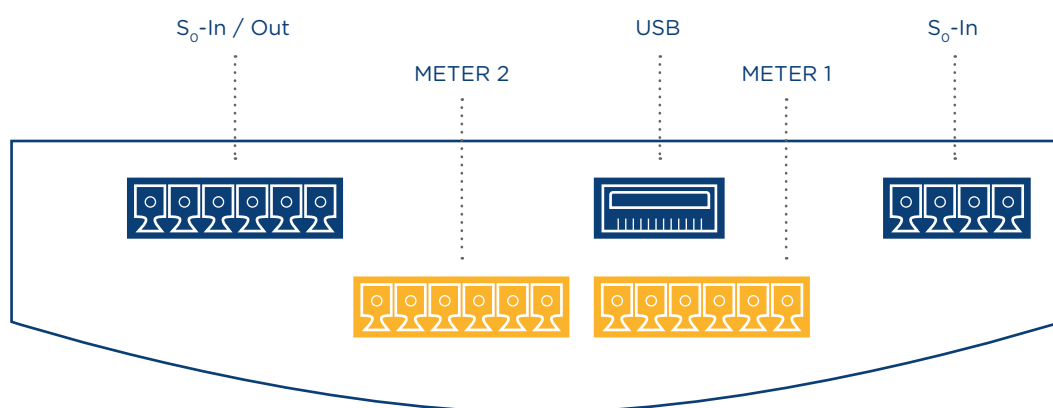
Metering power in a simple and effective way

The Solar-Log 300 Meter and Solar-Log 1200 Meter can record A.C. power. These devices come with an integrated interface to connect up to six current transformers (CTs). Six single-phase outputs or two three-phase outputs can be connected to record and visualize consumption. The current-carrying conductors only have to pass through the sensors. Current transformers with a folding mechanism allow for installation without opening the circuit.



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

Due to the lack of a voltage supply for the measurements, only the apparent power – not the active power – is measured. Since in most cases the active power should be measured, we recommend measuring with a power meter when there is a large percentage of reactive power.



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

Article number

Solar-Log 300 Meter	255582
Solar-Log 1200 Meter	255590
Warranty	2 years

Solar-Log™ Current Transformers (CTs)

Current transformers (CTs) are used to record the electric current values and send the values to the Solar-Log™ Meter. Up to six CTs can be used to record the consumption from individual circuits as sub-consumers. With the individual sub-consumers, it is possible to analyze consumption in detail and present it graphically.



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 cm
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)		
Warranty	1 year		
Article number	255639	255640	255638