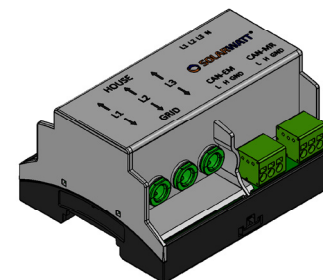


AC-Sensor 50, 63 and 250

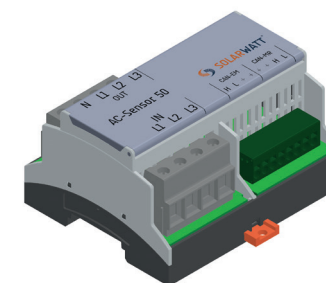
Store Energy.

AC-SENSOR 50, 63 AND 250

GENERAL DATA			
Model name	AC-Sensor 50	AC-Sensor 63	AC-Sensor 250
Installation	DIN top hat rail TS35, suitable for installation in electrical junction boxes		
Limit current	50 A per phase	63 A per phase	250 A per phase via external current transformer clamp
Max. cumulated measuring range	+/- 32.0 kW	+/- 32.0 kW	+/- 163.8 kW
Measurement output	balanced three-phase power		
Self consumption	max. 4.6 W		
Power consumption	max. 20 mA		
Voltage	3 /N/230/400 V ± 10 %		
Frequency	50 Hz		
Measuring method	Direct measurement 1- and 3-phase		Transformer measurement 1- and 3-phase
Applicable transformers	/		250/5A, min. 1 VA, accuracy class 1
Interface	CAN-Bus, isolated		
Cross-section of the passing section of outer conductors (current measurement)	/	6,9 mm	
Cross-section of neutral conductor and outer conductors in the connection section (voltage measurement)	/	0,75 mm ² - 2,5 mm ² isolated	
Installation width	6TE (108 mm)		
Weight	0,29 kg		
Type of protection	IP 21		
Relative humidity	≤ 85% non condensing		
Operating temperature range	-25°C to + 45°C		
Storage and transport temperature	-45°C to + 75°C		
Protection class	II		
Measuring accuracy	Offset < 3 W		Offset < 3 W + Offset current transformers
Operation site	Interior room up to 2.000 m above sea level		
Supported devices	MyReserve 500, MyReserve 800, MyReserve Command, EnergyManager pro		
EU Conformity (CE)	EMC: DIN EN 61326-1 (VDE 0843-20-1) (group 1, class B acc. to EN 55011) LVD: DIN EN 61010-1 (VDE 0411-1) RoHS: DIN EN 50581 (VDE 0042-12)		



AC-Sensor 63 and 250



AC-Sensor 50

- Current sensor with single-phase and 3-phase measurement
- For easy installation on the top hat rail in the fuse box
- Highly precise measurement
- SOLARWATT EnergyManager ready*
- Integrated CAN-BUS communication interface
- Highspeed data transfer and high measuring accuracy

* AC-sensor 250 currently only in combination with MyReserve

SOLARWATT Service



EnergyManager ready
 perfect system integration



Competent Consulting
 Experts via Hotline or on location



Country of origin
 Quality Made in Germany