

PRODUCT



# EnergyMeter

The EnergyMeter records household energy consumption. This data is then displayed and visualized in the Energy-Manager Portal, helping users optimize their consumption of self generated power. It is used as an extension for the EnergyManager and for the recording of energy consumers such as heat pumps and air conditioners, measurement of sub-distribution, or for the monitoring of PV inverters. The EnergyMeter is a three-phase energy meter in accordance with EN 61036 and is directly installed on the top-hat rail.

TECHNICAL DATA

<b>Supply voltage</b>	3 x 230 V / 400 V AC
<b>Rated current / Limiting current</b>	20 A / 80 A
<b>Precision class</b>	1; not certified not suitable for billing purposes
<b>Communication</b>	S0 (1000 imp/kWh); S0 pulse length: 90 ms
<b>Display</b>	LCD display (without back-lighting) 6 digital positions, + 2 decimal places = 999999.99 kWh
<b>Operating range</b>	184-265 VAC / 0,1 ~ 80 A
<b>Frequency</b>	50 Hz (+/- 10 %)
<b>Internal power consumption</b>	< 10 VA, 2 W
<b>Temperature range</b>	-25°C to +55°C

AREA OF USE

For measurement of three-phase consumers/generators

**Space requirements** 76 x 100 x 65 mm (4,2 HP)

**Type** 1-directional meter with backstop

CERTIFICATES

CE - EN61052-11

CE - EN61053-21



SERVICE

**SOLARWATT Manager ready**  
perfect system integration

**Country of origin**  
Quality Made in Germany

**Competent Consulting**  
Experts via Hotline or on location