



# Rbee Solar Smart

From PV monitoring to household electrical analysis



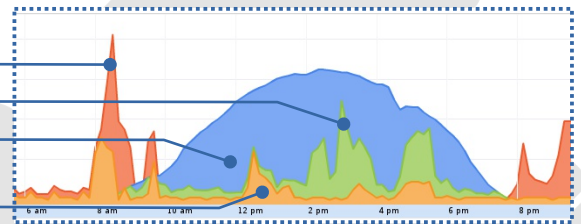
## Rbee Solar

- Installation in 10 min
- Built-in internet connection
- All-in-one solution
- Fault detection
- Satellite radiation analysis
- Integrate to your website
- Application in the Cloud
- Universal monitoring

It offers all of the Rbee Solar's advantages, and in addition tracks consumption!

### You can monitor

- The PV installation's **performance**
- The **imported** energy consumption
- The **self-produced** energy consumption
- The amount of **exported** energy
- The **global** household consumption
- An **isolated** consumption (electric heating, heat pump...)

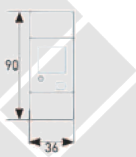


You identify when and where money can be saved and make clever use of your electrical energy

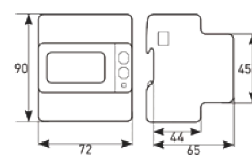


Demo  
rbeesolar.com





MID  
2 DIN modules



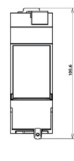
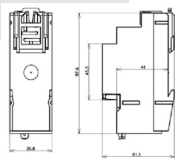
TD  
TT  
4 DIN modules

### Single phase meter MD80

**Current:** (5) 80 A  
**Range:** 0 to 9,999,999.9 kWh  
**Consumption:** 7.5 VA max  
**Voltage:** 230...240 Vac (+/- 20 %)  
**Frequency:** 50/60 Hz  
**S0 output:** 500 pulses/kWh  
**Accuracy:** Class 1 (IEC 62053-21)  
**Screw-on terminal:** 35 mm<sup>2</sup>  
**Mounting DIN rail:** 35 mm<sup>2</sup>  
**Temperature:** - 25°C to + 55°C  
**Dimensions DIN (modules):** 2  
IP51

### Three phase meter TDA80

**Current:** (5) 80 A  
**Range:** 0 to 9,999,999.9 kWh  
**Consumption:** 7.5 VA max / phase  
**Voltage:** 3x230/400 3x240...415 Vac (+/- 20 %)  
**Frequency:** 50/60 Hz  
**S0 output:** 100 pulses/kWh  
**Accuracy:** Class 1 (IEC 62053-21)  
**Screw-on terminal:** 35 mm<sup>2</sup>  
**Mounting DIN rail:** 35 mm<sup>2</sup>  
**Temperature:** - 25°C to + 55°C  
**Dimensions DIN (modules):** 4  
IP51



### Single phase meter MD65

**Current:** (5) 65 A  
**Range:** 0 to 999,999.9 kWh  
**Consumption:** 8 VA max  
**Voltage:** 230 V (+/- 20 %)  
**Frequency:** 50/60 Hz  
**S0 output:** 1000 pulses/kWh  
**Accuracy:** Class 1 (IEC 62053-21)  
**Screw-on terminal:** 16 mm<sup>2</sup>  
**Mounting DIN rail:** 35 mm<sup>2</sup>  
**Temperature:** -25°C to +60°C  
**Dimensions DIN (modules):** 2  
IP51

