



smart-me 3-Phase Meter

The first 3-phase DIN rail energy meter with a direct connection to a cloud



The smart-me 3-phase meter is a precise high-performance energy meter with a built-in Wifi interface. No additional hardware is needed for the integration into the smart-me cloud. The meter uses the existing wireless network and can be easily controlled and analysed via a smartphone, a tablet or a computer. This is the easiest option to visualise in real-time the usage of energy, to analyse the metered data and to optimise the own consumption.

Functions:

- 3-phase energy meter with MID 2014/32/EU Certification
- Direct measurement up to 80 A (not switchable), direct measurement up to 32 A (switchable)
- Encrypted Wi-Fi connection directly to the smart-me cloud
- Real-time measurement data with maximum precision
- Remote switch, time switch and switching according to conditions
- The smart-me cloud enables extensive energy data management, automatic invoicing, remote controlling and alarms
- Additional contact output to control external devices
- The 3-phase meter acts as a gateway to the cloud for (almost) all IP-capable smart-energy devices (heat pumps, heating systems, battery storages, and many more)
- Easy installation using the free smart-me app available for Android and iOS



Technical data

Reference current	5 (80) A / 5 (32) A (switchable)	Interface	Wifi, SO / potential-free contact output, tariff input (25-253V AC/DC), SG Ready
Own consumption	< 0.8 W per phase		
Temperature range	-25 to +70 °C		
Measuring range	5 - 18,400 W (80 A) per phase 5 - 7,360 W (32 A) per phase	Wifi standard	802.11 b/g/n
Accuracy class	Classe B	Wifi security standard	WEP, WPA, WPA2 (personal)
Type of energy meter	Bidirectional meter (import and export)	SO pulse rate	1,000 / 10,000 impulses per kWh
Measurement values	Active energy (kWh), active power (kW), current (A), voltage (V), power factor (cos phi), switch status	Data storage	2 months
		Product certification	CE, MID 2014/32/EU
		Protection class	IP 20, IP 51 (Front)
Tariffs	2	Size	5 modules, 90 x 90 mm
Included in the Pro Version	Modbus TCP interface, reactive energy (kvarh), reactive power (kvar)	Assembly	DIN rail

Ordering information

Direct connection 80 A	182060	Direct connection 32 A switchable	182061
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