

WAGO Energy Meters (MID)

Compact Energy Meters with Large Displays

Comprehensive energy measurement is necessary for optimizing energy consumption. WAGO's portfolio now has new energy meters that offer numerous benefits.

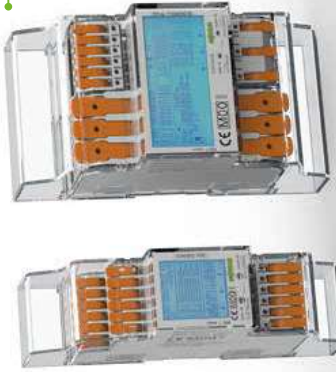
Your Benefits:

- Record of values for active and reactive energy and mains frequency, as well as current, voltage and power for all phases
- Professional communication thanks to the M-Bus and Modbus® interface and two SO pulse outputs
- Intuitive configuration through touch-sensitive controls and configuration app via *Bluetooth®*
- Full transparency with an illuminated full-format display
- Time savings at every level thanks to Push-in CAGE CLAMP® and levers
- Slim design conserves valuable control cabinet space

Energy meter, direct connection (4PS)

Direct measurement up to 65 A

Item No. **879-3020**



Energy meter, transformer connection (2PCT)

Measurement via 1 A or 5 A current transformer

Item No. **879-3040**

Energy meter, direct connection

Direct measurement up to 65 A

Item No. **879-3000**

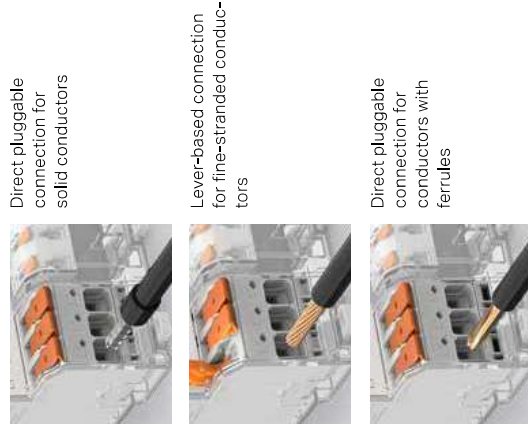


Learn more

Technical Details

879-3000	879-3020	879-3040
		
Energy meter, direct connection (4PS)	Energy meter, direct connection (4PS)	Energy meter, transformer connection (2PCT)
Direct measurement up to 65 A 2616 Series	Direct measurement up to 65 A 2616 Series	Measurement via 1 A or 5 A current transformer 2604 Series
Measurement in 2-, 3- and 4-conductor networks (3 × 230 V / 400 V)	Measurement in 2-, 3- and 4-conductor networks (3 × 230 V / 400 V)	
Configuration via touch-sensitive controls and <i>Bluetooth®</i>	Configuration via touch-sensitive controls and <i>Bluetooth®</i>	
Interfaces: Modbus®, M-Bus, pulse output, <i>Bluetooth®</i> 2604 Series	Interfaces: Modbus®, M-Bus, pulse output, <i>Bluetooth®</i> 2604 Series	
External rate control input (230 V) 2604 Series	External rate control input (230 V) 2604 Series	
4-quadrant measurement	4-quadrant measurement	
Displays: voltage (V), current (A), frequency (Hz), active power (kW), reactive power (kvarh), apparent power (kVA)	Displays: voltage (V), current (A), frequency (Hz), active power (kW), reactive power (kvarh), apparent power (kVA)	
Connection technology with Push-in CAGE-CLAMP® and lever	Connection technology with Push-in CAGE-CLAMP® and lever	

Connection possible for conductor types:



Push-in CAGE CLAMP® is the universal connection technology for all conductor types that provides the simplicity of push-in terminations.

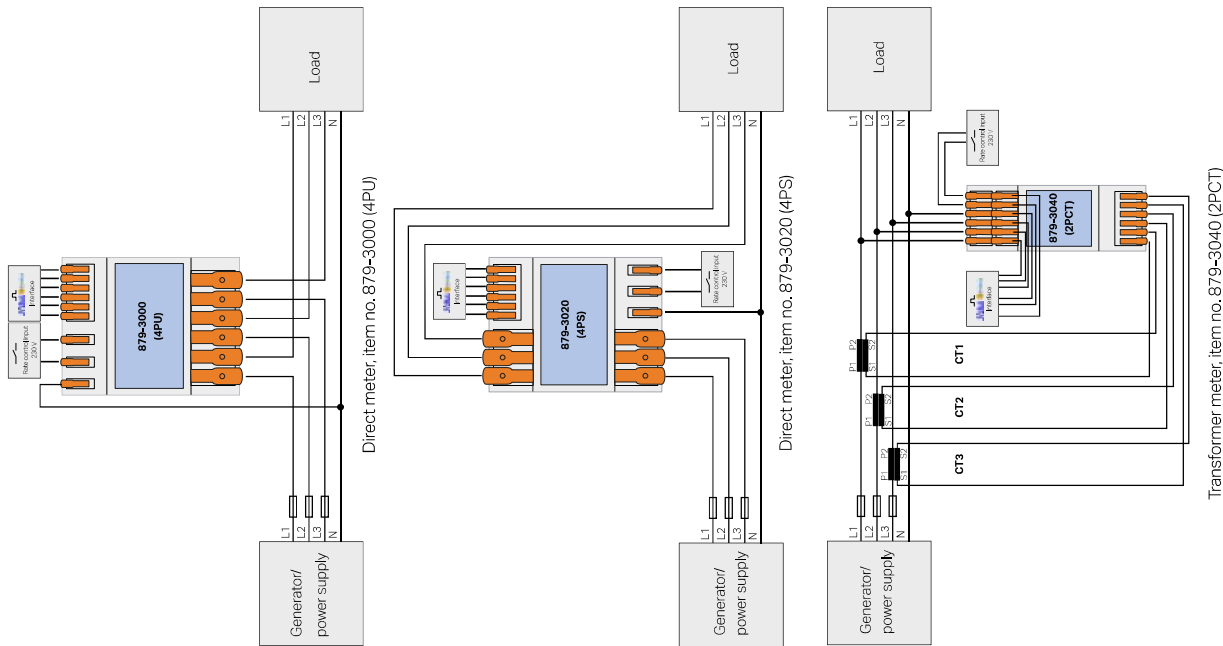
WAGO 2616 Series

Solid conductors 0.75 ... 16 mm² / 18 ... 4 AWG
Fine-stranded conductors 0.75 ... 25 mm² / 18 ... 4 AWG
Fine-stranded conductors, with ferrule with plastic collar 0.75 ... 16 mm²

WAGO 2604 Series

Solid conductors 2 0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductors 2 0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductors, with ferrule with plastic collar 0.25 ... 2.5 mm²

Examples of each meter type in a four-wire three-phase network:



WAGO also has MID-compliant billing transformers suitable for use with the energy meter – see page 31.

The DIN-rail-mount enclosure conveniently integrates into your control cabinet:



The MID-compliant energy meters can be used in various sectors that involve billing.

- Charging infrastructure – transparency on wall boxes and charging stations
- Order-based production – measuring the energy consumption of production machinery
- Distributed properties – individually bill each tenant based on usage

Application examples:

