

# Accessories



**M1-40**



**M3-40**



**M3-40-Dual**



Plug-and-play CT solution for easy installation



Supports remote settings via SolaX Cloud APP



50ms high refresh rate for more precise and faster control



Separates strong and weak currents for enhanced security



Intelligent phase sequence and CT direction adjustment, automatically resolving installation issues

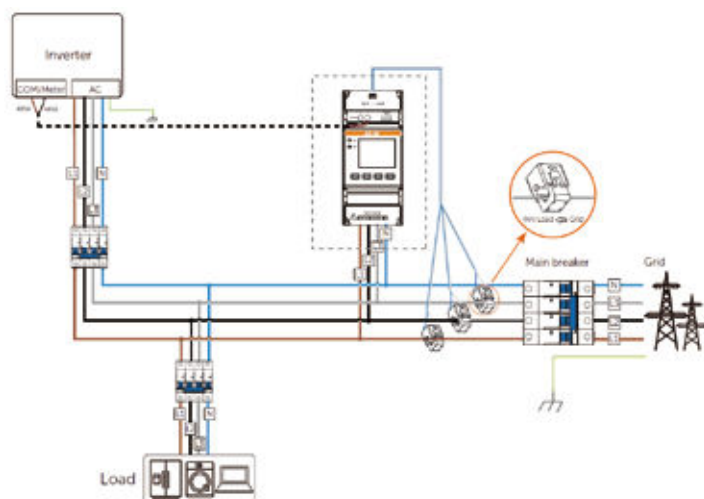


Capable of monitoring power from both the grid and third-party inverters simultaneously\*

\* supported only by the two-circuit model: M3-40-Dual

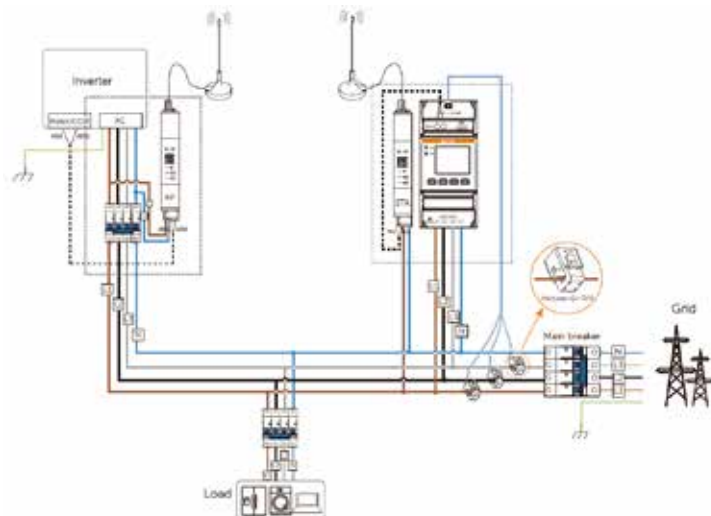
|                              | M1-40                                                                                                  | M3-40                             | M3-40-Dual                         |
|------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------|
| Power grid type              | 1P2W                                                                                                   | 3P3W / 3P4W                       |                                    |
| Rated voltage                | 220 V ~ 240 V                                                                                          | 3 × 220 / 380 V ~ 3 × 240 / 415 V | 3 × 57.7 / 100 V ~ 3 × 240 / 415 V |
| Operating voltage            | 100 V ~ 288 V                                                                                          | 100 V ~ 280 V                     | 50 V ~ 480 V                       |
| Current                      | *A / 40 mA                                                                                             |                                   |                                    |
| Recommended CT specification | 100 A / 40 mA, 200 A / 40 mA, 400 A / 40 mA, 600 A / 40 mA, 1000 A / 40 mA, 1500A / 40mA, 2000A / 40mA |                                   |                                    |
| Power consumption            | < 1.2 W                                                                                                | < 1.5 W                           | < 1.2 W                            |
| Measurement accuracy class   | Voltage and current: Class 0.5<br>Active power: Class 1<br>Reactive power: Class 2                     |                                   |                                    |
| Resolution requirement       | Active power: 0.1 W      Frequency: 0.001 Hz                                                           |                                   |                                    |
| Frequency                    | 45 Hz ~ 65 Hz                                                                                          |                                   |                                    |
| Frequency tolerance          | 0.01 Hz                                                                                                |                                   |                                    |
| Operating temperature        | -40°C ~ 70°C                                                                                           |                                   |                                    |
| Operating humidity           | ≤95% RH (non-condensing)                                                                               |                                   |                                    |
| Operating altitude           | < 4000 m                                                                                               |                                   |                                    |
| Degree of protection         | IP20                                                                                                   |                                   |                                    |
| Dimensions (W × H × D)       | 18 mm × 100 mm × 65.5 mm                                                                               | 45 mm × 100 mm × 65.5 mm          | 72 mm × 100 mm × 65.5 mm           |

## Solutions



### M3-40 Networking through RS485 cable

- L1 wire
- L2 wire
- L3 wire
- N wire
- PE wire
- I\* wire
- I wire
- RS485A wire
- RS485B wire



### M3-40 Wireless data transmission through Wi-BR

- L1 wire
- L2 wire
- L3 wire
- N wire
- PE wire
- I\* wire
- I wire
- RS485A wire
- RS485B wire