

[Features]

- Standard CT/PT connection, compatible with commercially available current/voltage converters, offering high installation flexibility.
- One unit is universally compatible with single-phase two-wire/three-phase three-wire/three-phase four-wire systems, a single model for the entire factory.
- Simultaneously monitors 11 electrical parameters, replacing multiple meters with one unit.
- Each electrical parameter can have an independent alarm threshold set, with immediate notification of abnormalities.
- Two-way metering design, suitable for solar energy, energy storage, and ESG applications.
- Standard RS-485 + Modbus RTU industrial protocol, integrating with various monitoring platforms.
- Dual power input, AC/DC universal (85~275V).
- Large LCD real-time display screen, providing clear overview of inspections.
- Certified by Taiwan Electric Power Corporation according to TAF0061 and TAF1733 with 0.5-level accuracy calibration, ensuring accurate and reliable measurements.



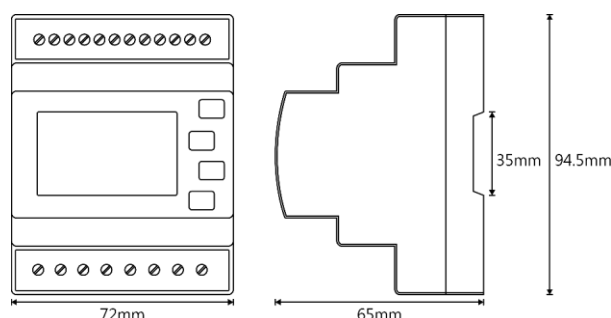
[Applications] Application factory, ESG/EMS, etc.

[Optional Code]

CPM-Code 1-Code 2

Code 1	Meter Specifications	Code 2	Wiring method
100	ø24mm 100A comparator	1P2	Single phase two wire (1CT)
200	ø36mm 200A comparator	1P3	Single-phase three-wire (2CT)
300	ø36mm 300A comparator	3P3	Three-phase three-wire (2CT)
500	ø36mm 500A comparator	3P4	Three-phase four-wire (3CT)
1000	ø89.8mm 1000A comparator		

[Size]



[Specifications]

Power Supply	♦AC input : 85~275VDC ♦Power consumption : $\leq 2W/10VA$		
Operating Temperature	-25~55°C	Storage Temperature	-40~70°C
Rate	Single tariff		
Rated Voltage	AC 0~500V		
AC withstand Voltage	4KV for 1 minute	Pulse Withstand Voltage	6KV-1.2uS
Rated Current	5A CT input		
Working Current	0.4%Ib-I _{max}		
Short-term Overcurrent	20 I _{max} for 0.01s		
Working Frequency	50 or 60HZ		
Maximum Reading Value	9999999.9kWh/kVarh		
Voltage and Current	0.5%	Frequency	0.2%
Power Factor	0.01		
Active Power	$\pm 0.5\%$	Reactive power	$\pm 0.5\%$
Communication Method	RS-485 Modbus RTU		
Shell Material	ABS		
Installation Method	Aluminum Rail	Product Size	94.5x72×65mm
Waterproof/dustproof rating	IP51		
Calibration level	TAF0061 and TAF1733 certified, 0.5 level accuracy calibration		