

[Features]

- Standard CT/PT inputs, works with common CTs and PTs.
- One model covers 1P2W, 1P3W, 3P3W and 3P4W systems.
- Monitors 11 power parameters, replacing several meters.
- Independent alarm limit per parameter, instant alerts.
- Bidirectional metering for solar, storage and ESG use.
- RS-485 Modbus RTU as standard for easy integration.
- Wide-range power input: AC 85~275V.
- Large LCD display for at-a-glance readings.
- CE (EU) and FCC (US) certified.
- Class 0.5 accuracy, calibrated by TERTEC under TAF 0061 / TAF 1733.



[Applications] Factories, ESG / EMS systems, etc.

[Model Selection] CPM-Code 1-Code 2

Code 1	CT Specification	Code 2	Wiring
200	ø24mm 200A CT	1P2	1-phase 2-wire (1CT)
		1P3	1-phase 3-wire (2CT)
500	ø36mm 500A CT	3P3	3-phase 3-wire (2CT)
1000	ø90x50mm 1000A CT	3P4	3-phase 4-wire (3CT)

[Specifications]

Power Supply	◆AC input: 85~275VAC ◆Power consumption: ≤2W/10VA		
Operating Temp.	-25~55°C	Storage Temp.	-40~70°C
Rated Voltage	AC 0~500V	Frequency	50 or 60HZ
Rated Current	5A CT input	Current Range	0.4%Ib-I _{max}
AC Withstand	4KV for 1 minute	Impulse Voltage	6KV-1.2uS
Overcurrent	20 I _{max} for 0.01s	Max. Reading	9999999.9kWh/kVarh
V / I Accuracy	0.5%	Freq. Accuracy	0.2%
Active Power	±0.5%	Reactive Power	±0.5%
Power Factor	0.01	Tariff	Single tariff
Communication	RS-485 Modbus RTU	Standards	IEC62053-21/EN50470-1/3
IP Rating	IP51	Housing	ABS
Mounting	DIN rail	Dimensions	94.5x72×65mm
Calibration	Class 0.5 calibration, TAF 0061 / TAF 1733 accredited		
Certification	CE (EU) and FCC (US) certified		

[Dimensions]

