



38b Douglas Street, Milton, Queensland, Australia 4064
P.O. Box 1486, Milton, Queensland, Australia 4064
Telephone: (617) 3535 9600
Facsimile: (617) 3535 9601
E-mail: ceta@cetameter.com
Web: www.cetameter.com

Specifications for Type M5 Metering Devices for Single Phase Digital Energy Meter

These meters are typically deployed at final single phase sub-circuits or for individual plant or equipment monitoring. If the meters are used for Grid Feed-in applications, a Pattern Approved meter is required.

When choosing a Single Phase Digital Energy Meter, check how the vendor's product specifications compare with this suggested set of minimum requirements for a Digital Energy Meter.

Typical use might be

1. Final single phase sub-circuits
2. Individual plant or equipment
3. Solar usage billing – NMI Approved

All M5 meters shall meet the following requirements

- Operating temperature range of
- -25°C to $+70^{\circ}\text{C}$.
- Class 1 or better.
- Circuit boards to be tropicalised.
- Industrial Grade Components
- 3 years Manufacturers Warranty as a minimum.
- Australian RCM Approval
- 6 ½ Digit Kwh LCD Display Screen
- IP51 Front enclosure rating
- IEC 62053-21 Class 1 for KWH (Direct input) (1% to 120% of In.)
- Starting Current - 15mA
- Direct connect to 63A
- NMI approved if required for billing
- DIN rail mounting
- Energy pulsing LED
- RS485 port
- Self-powered, no external power required
- Modbus RTU protocol
- CETA PMC-220 or Equivalent

