# XT-MB Electricity Meter Boxes — Datasheet

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Electricity meter boxes for single-phase and three-phase metering in outdoor wall-mounted or pole-mounted installations. Every meter position has its own lockable metering compartment. Enclosures are made in steel or in SMC/PC composite.

## Features

- Independent metering compartments — each meter position has its own metering compartment.
- Single-phase and three-phase ranges — single-phase rated 230 V, three-phase 400 V, rated current 40-100 A.
- Steel or composite enclosure — cold-rolled steel, galvanised steel or 304 stainless steel (powder-coated), 1.2-1.5 mm sheet, or SMC/PC composite.
- Prepaid and anti-tamper options — prepaid meter compartments and an anti-tamper structure can be fitted as options.
- Lockable small door — small door design with lock, finished in RAL 7035 powder coating.
- Wall or pole mounting — metal versions ship assembled or flat-packed with the back cover supplied.

## Common Specifications

| Item | Specification |
|---|---|
| **Materials** | Cold-rolled / galvanised / 304 stainless steel (powder-coated), or SMC/PC composite |
| **Sheet thickness (steel)** | 1.2-1.5 mm |
| **Rated current** | 40-100 A |
| **Finish (steel)** | Powder coating RAL 7035 |
| **Installation** | Wall-mounted / pole-mounted |

## Models & Variants

| Model | Meter positions | Rated voltage | Dimensions H x W x D (mm) | Weight (approx.) |
|---|---|---|---|---|
| **XT-MB-1P1** | 1 | 230 V | 300 x 400 x 150 | approx. 6 kg |
| **XT-MB-1P2** | 2 | 230 V | 400 x 550 x 160 | approx. 9 kg |
| **XT-MB-1P4** | 4 | 230 V | 660 x 820 x 180 | approx. 16 kg |
| **XT-MB-1P6** | 6 | 230 V | 750 x 1000 x 180 | approx. 22 kg |
| **XT-MB-1P8** | 8 | 230 V | 820 x 1100 x 200 | approx. 27 kg |
| **XT-MB-1P9** | 9 | 230 V | 850 x 1150 x 200 | approx. 30 kg |
| **XT-MB-1P12** | 12 | 230 V | 1000 x 1250 x 200 | approx. 38 kg |
| **XT-MB-3P1** | 1 (three-phase) | 400 V | 500 x 650 x 200 | approx. 12 kg |
| **XT-MB-3P3** | 3 (three-phase) | 400 V | 700 x 950 x 200 | approx. 20 kg |
| **XT-MB-3P6** | 6 (three-phase) | 400 V | 900 x 1200 x 220 | approx. 32 kg |
| **XT-MB-1P4-C** | 4 | 230 V | 660 x 820 x 180 | approx. 10 kg |
| **XT-MB-1P12-C** | 12 | 230 V | 1000 x 1250 x 200 | approx. 24 kg |

## Model Meaning

XT-MB-1P is a single-phase box with n meter positions; XT-MB-3P is the three-phase version. The suffix -C denotes the SMC/PC composite enclosure; no suffix means a metal enclosure. Examples: XT-MB-1P12 is a single-phase, 12-position metal box; XT-MB-3P3-C is a three-phase, 3-position composite box. Single-phase positions: 1, 2, 4, 6, 8, 9, 12. Three-phase positions: 1, 3, 6.

## Service Conditions

Designed for outdoor meter box applications, wall-mounted or pole-mounted. Single-phase models are rated 230 V and three-phase models 400 V, with rated current 40-100 A. Protection class designed per IEC 60529 (tested on request).

## Packing & Shipping

Each box is packed individually in an export carton with corner protection and palletised for shipment. Metal versions can be shipped assembled or flat-packed (SKD).

## Customisation

Meter positions, enclosure material, compartment layout, prepaid meter provision and anti-tamper structure can be configured to your requirements.

*Note: standard design parameters are shown; final dimensions and configurations are confirmed at quotation. This datasheet is product literature, not a test certificate. Test reports and third-party testing can be arranged on request.*