

REVENUE GRADE METERING

EM133-XM

NMI Approved Single Phase kWh Meter for 100A Direct Connection

Meter three single phase circuits up to 100A each, wired straight in with no CTs. Pattern approved, NITP 14 verified and ready for five minute settlement.

Explore the EM133-XM on satec-global.com.au ↗

 Retail Tenancies

 Embedded Networks

 Apartments

 EV Charging

NMI APPROVED 14/2/72

CLASS 0.5S

AS/IEC 62053-22

NITP 14 VERIFIED

100A DIRECT CONNECT

3 × SINGLE PHASE

100A

Direct connection with no CTs needed

0.5S

Accuracy class for revenue billing

3

Single phase circuits from one meter

5 min

NEM 5MS interval data ready

Why It Matters



Bill With Confidence

NMI M 6-1 pattern approval and NITP 14 verification give tenants and auditors a meter they can trust.



Settlement Ready Data

Five minute interval data and NEM12/13 files through SATEC software keep you aligned with the market.



Three Circuits, One Meter

Meter three separate single phase tenancies or loads from one DIN rail unit and save board space.



Solar and Storage Friendly

Four quadrant import and export measurement captures energy flowing in both directions.



No CTs Required

Connect loads up to 100A directly, with fewer parts to source and less wiring in the board.



Connected to the SATEC Ecosystem

Pair with **ExpertPower™** for cloud billing and reporting, and the **eXpertConnect™ App** for readings on the go.

Key Specifications

Meter type	3 × single phase kWh meter, DIN rail mount
Current input	0 to 100A AC direct connection (no CTs required)
Accuracy	Class 0.5S to AS/IEC 62053-22
Measurement	Four quadrant import/export plus multiple parameters
Data logging	8MB memory, three profile logs, event log, RTC with date/time stamping
Control	Disconnect/reconnect capability
Built-in comms	RS485 Modbus and infrared (IR) port
Optional comms	Dual communications via Ethernet or RS-232/422/485 module; external 4G modem on application
Data formats	NEM12/13 via SATEC software; MV90 xi (TIM file)
Approvals	NMI M 6-1 (14/2/72), AS/IEC 62053-22, IEC 62052-11, ISO/IEC 17025, NITP 14

ORDER CODE

EM133-XM

100

50HZ

SE

CC

100A direct input, 50Hz calibration. Ask us about single phase setup.



Ready to Meter Every Tenancy?

Talk to our team about quotes, sizing and add-on modules.
Call +612 4774 2959 or visit satec-global.com.au/contact

DOCUMENT VERSION

Version	Date
TBV1.0	23 September 2026