

REVENUE GRADE METERING

EM133-XM

NMI Approved Three Phase kWh Meter for 5A/10A CT Input

A DIN rail smart energy meter built for billing you can defend. Pattern approved, NITP 14 verified and ready for five minute settlement data from day one.

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

Commercial

Embedded Networks

Apartments

EV Charging



NMI APPROVED 14/2/72

ACCURACY CLASS 0.5S

AS/IEC 62053-22 COMPLIANT

NITP 14 VERIFIED

4 QUADRANT IMPORT/EXPORT

0.5S

Accuracy class for revenue billing

8MB

Onboard memory for long data histories

3

Profile data logs plus an event log

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.



Nothing Gets Lost

Up to three profile logs, an event log and date/time stamping from the real time clock.



Solar and Storage Friendly

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



Fits Your Existing Setup

Works with standard 5A/10A CTs or extended range CTs and supports MV90 xi (TIM file) data collection.



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	Three phase kWh energy meter, DIN rail mount
Current input	5A/10A CT operated (use with extended range CTs)
Accuracy	Class 0.5S to AS/IEC 62053-22
Measurement	Four quadrant import/export plus multiple electrical 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 calibration, NITP 14

ORDER CODE

EM133-XM

5

50HZ

SE

CC

5A/10A CT input, 50Hz calibration. Ask us about add-on modules.



Ready to Meter With Confidence?

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

DOCUMENT VERSION

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