

REVENUE GRADE METERING

EM133-XM-HACS

NMI Approved Single Phase kWh Meter for Three Circuits

Three single phase circuits in one meter, measured through compact HACS sensors. Pattern approved, NITP 14 verified and ready for five minute settlement.

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

Retrofit Upgrades

Embedded Networks



Apartments

Retail Tenancies

NMI APPROVED 14/2/72

CLASS 0.5S METER

AS/IEC 62052-11 CERTIFIED

NITP 14 VERIFIED

3 × SINGLE PHASE CIRCUITS

3

Single phase circuits from one meter

Class 1.0

System accuracy with HACS sensors

8MB

Onboard memory for long data histories

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.



Built for Retrofits

Split core CS1S sensors fit around existing cables, ideal for upgrading existing distribution boards.



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 via HACS sensors CS1, CS1L and split core CS1S
Accuracy	Class 0.5S meter; Class 1.0 system accuracy with HACS sensors
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 62053-21, AS/IEC 62052-11, ISO/IEC 17025, NITP 14

ORDER CODE

EM133-XM-HACS

50HZ

SE

CC

3 × single phase, 50Hz calibration. Ask us about sensors.



Ready to Meter More With Less?

Talk to our team about quotes, sensor 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