Landis+Gyr
manage energy better

Model EM1000
Single Phase Interval Meter

EM1000 Electricity Meter

A smarter approach to interval metering

Advanced Metering Design

Continual development by Landis+Gyr's Australian engineering team allows the EM1000 to deliver enhanced single phase interval meter performance & functionality to Australian customers. Expanded interval data capacity, reduced communication times, ease of programming & installation make the EM1000 an advanced metering asset that can deliver substantial returns for Meter Asset Managers.

Interval Data Recording

The EM1000 stores 282 days of 30 minute interval data in load profile to measure residential energy consumption in accordance with Australian requirements.

Cost Effective Communications

The EM1000 utilises advanced data compression protocols & fast 38k4 baud rates to deliver ANSI optical port download speeds of less than 5 seconds for 90 days interval data. An RJ45 RS232 port enables easy remote communications.

Easy to Use

Compatible with the popular EMProHHU & EMPWin, the EM1000 affords metering technicians a swift learning curve on its features, functions & applications. Delivered TIM file compatible, its inclusion in common readings systems is simple and convenient. A compact design & M series bottom mounting holes make the EM1000 easy to install on Australian meter boards.

Quality Manufacturing & Delivery Excellence

Built-in quality & reliability of supply are paramount to Landis+Gyr. Our ISO9001 and ISO17025 certified assembly & testing facilities are part of the world's largest metering group & our operations are supported by the worlds-best component suppliers.

EM1000 Specifications*

Current
10-100A

Voltage
240V

Configuration
1p2w

Frequency
50 Hz

Rated Accuracy
Class 1.0

Operating temperature (Ambient)
-10°C - +60°C

Pulse Outputs
Wh (Import/Export/Total) and End of Interval

Impulse Voltage
10 kV

Dimensions (mm)
126W x 51D x 152H
M3 mounting holes

Communications
ANSI optical port @ 38k4 (max) baud rate
Remote comms capable via RS232 (RJ45)
TIM compatible

Standards
AS 62052.11-2005
AS 62053.21-2005
NMI Pattern Approval
ISO9001, ISO17025
TIA/EIA 561

Terminal Layout

Model EM5100

Electricity Meter

Product features:

Import & Export kWh, Instantaneous QOS, 4 TOU Rates, 2 Pulse Inputs

282 days data storage at 30 minute intervals

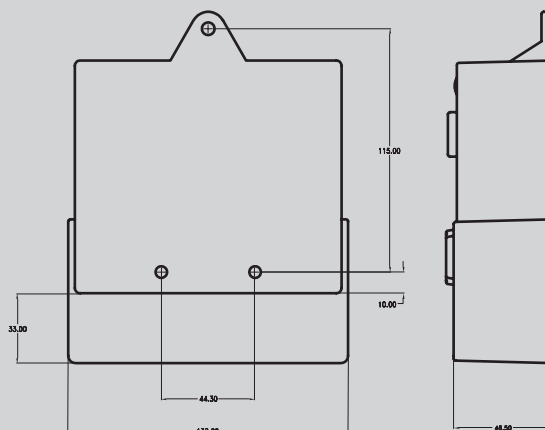High-speed 38k4 baud ANSI optical port delivers 90 days data in < 5 sec

RS232 via handy RJ45 port

EMProHHU & EMPWin compatibility

Australian Standard terminal layout and conventional footprint for easy installation

Mounting Template

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