



**The EM500 electricity meter.  
The economical solution.**

**Another meter from the E100 series.**



## The EM500 electricity meter with proven reliability, and cost effectiveness.

### The single phase meter with multiple features.

Landis+Gyr brings more than 100 years of meter design and development expertise to deliver reliable, state-of-the-art products for the future, delivering solid-state platforms designed to meet today's demanding standards for residential metering applications.

The EM500 meter provides the utility with an economical metering solution that excels in residential metering applications.

Compact in size, designed and built with robust components, the EM500 meter provides years of trouble-free service. This meter has been specifically designed and tested to meet Australian Standards and to withstand Australia's severe environmental conditions.



**EM500 is mounted on the same footprints and mounting holes as most of existing meters in Australia and New Zealand.**

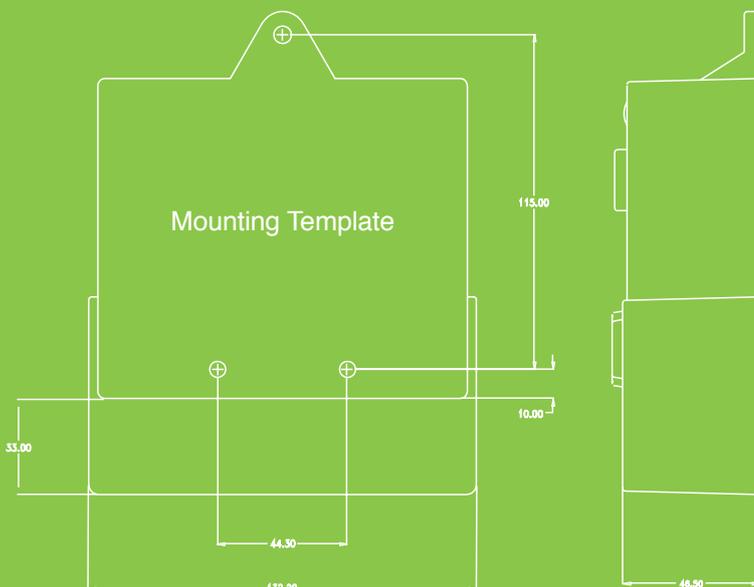
# EM500 Specifications



The EM500 plug-in variant, saves the utilities time when it comes to replacing the meter. In a number of installations where banks of plug-in meters are installed, the EM500 Plug-in variant delivers a safe and easy removal and replacement of the existing plug-in meter.

## Key features

<b>Mounting</b>	Bottom two M3 mounting holes
<b>Current</b>	10 - 100A
<b>Voltage</b>	240V
<b>FootPrint</b>	Same foot print as the EM1000
<b>Configuration</b>	1p2w
<b>Rated accuracy</b>	Class 1.0
<b>Frequency</b>	50Hz
<b>Starting current</b>	40mA
<b>IP rating</b>	IP53
<b>Lightning withstand</b>	10kV
<b>Dimensions (mm)</b>	126W x 51D x 152H
<b>Operating temperature (ambient)</b>	10°C - +60°C
<b>Certification</b>	Calibrated in an ISO 17025 NATA accredited facility
<b>Pattern approved</b>	NMI 14/2/22
<b>Energy registers</b>	kWh import
<b>Display digits</b>	Six energy digits with leading zeros
<b>Standards</b>	AS 62052.11-2005, AS 62053.21-2005 NMI Pattern approved, ISO9001, ISO17025



The design reduces the need to drill additional holes in existing metering panels when replacing old meters with the EM500.

The care taken by the design team provides savings in labour costs, but more importantly the design also reduces health risks for installers when they are faced with the need to install new meters on existing meter boards. The compact footprint allows more space for additional meters.

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