Energy Meter with Modbus Connection
for Australia and New Zealand
SE-WND-3Y400-MB-K1

- High accuracy meter readings for production/consumption monitoring
- Import/Export meter readings for export limitation functionality
- Small and easy to install - fits in standard electrical panel
- Supports residential, commercial and utility-size installations
- Support RS485 120Ω line termination

5 YEAR WARRANTY

solaredge.com
WHEN ORDERING A METER, ORDER CURRENT TRANSFORMERS AS WELL:

<table>
<thead>
<tr>
<th>CURRENT TRANSFORMER MODEL(*)</th>
<th>RATED RMS CURRENT</th>
<th>ACCURACY</th>
<th>DIMENSIONS (INTERNAL / EXTERNAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-CTML-0350-070</td>
<td>70A</td>
<td>1%</td>
<td>9 x 8.9 mm / 42.4 x 30.5 mm</td>
</tr>
<tr>
<td>SE-ACT-0750-250-C6</td>
<td>250A</td>
<td>0.6%</td>
<td>20 x 20 mm / 61 x 60.4 mm</td>
</tr>
</tbody>
</table>

* One current transformer per phase; for other ratings contact SolarEdge

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ELECTRICAL SERVICE

- Operating Voltage Range - Line to Neutral / Line to Line: 184-264.5 / 320-460 Vac
- AC Frequency: 50/60 Hz
- Grids Supported - Single Phase; Three Phase*: L / N / PE ; L1 / L 2 / L3 / N / PE
- Power Consumption (typ.): 1.8 W

COMMUNICATION

- Supported Communication Interfaces: RS485
- Response time: ≤1** sec
- Default Device ID (Modbus): 2
- RS485 line termination: 120 Ω

ACCURACY (@25°C, PF: 1)

- 1% - 100% of Rated CT Current: ±1 %

STANDARD COMPLIANCE

- Immunity: EN 61326, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4,
EN 61000-4-5, EN 61000-4-6, EN 61000-4-11

INSTALLATION SPECIFICATIONS

- Dimensions (HxWxD): 85 x 153 x 38 mm
- Weight: 310 gr
- Enclosure type: High impact, ABS and/or ABS/PC plastic UL 94V-0, IEC FV-0
- Operating Temperature Range: -40 to 75 °C
- Relative Humidity (noncondensing): 5 - 90 %
- Protection Rating: Indoor (Outdoor when installed in an outdoor enclosure)
- Mounting Type: DIN Rail / Wall mount

* PE (Protective Earth) connection is not required for meter operation.
** When meter is connected at grid connection point, and when RS485 is used for multiple inverters.

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