Expanding Wired Connectivity

- Provides an additional RS485 port for enhanced communications
- Located within the inverter enclosure for outdoor protection
- Suitable for installation in the Commercial Gateway
- Reduces labor cost with simple and quick installation
- Allows daisy chain configuration of multiple RS485 buses for communications in commercial installations
### COMPATIBLE INVERTERS

<table>
<thead>
<tr>
<th>FUNCTIONAL</th>
<th>SE1000-RS485-IF</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum number of slave inverters connected on the RS485 bus</td>
<td>31</td>
<td>meters</td>
</tr>
<tr>
<td>Maximum number of interconnected RS485 buses</td>
<td>16</td>
<td>meters</td>
</tr>
<tr>
<td>Maximum number of Smart Energy Management devices on the RS485 bus</td>
<td>Up to 1 Battery; Up to 2 Meters</td>
<td></td>
</tr>
<tr>
<td>Maximum RS485 cable length</td>
<td>1000</td>
<td>meters</td>
</tr>
</tbody>
</table>

### INSTALLATION SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimension (L x W)</th>
<th>33 x 25 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-40 to 85 °C</td>
</tr>
</tbody>
</table>

#### Connecting a multiple inverter system to external devices

- Inverter
- RS485-1
- Energy meter
- Ethernet
- Router
- Monitoring Platform

#### Connecting large commercial installations

**Bus #1**

- Inverter
- Slave
- RS485-1
- Master
- Slave

**Bus #2**

- Inverter
- Slave
- RS485-1
- Master
- Slave

**Bus #16**

- Inverter
- Slave
- RS485-1
- Master
- RS485-E
- Ethernet
- Router
- Monitoring Platform