StorEdge Interface
for Australia
SESTI

StorEdge Interface

- Allows connection of selected battery vendors such as the LG Chem RESU to a SolarEdge inverter
- Simple installation and connectivity of the battery and the SolarEdge Energy Meter
- Connects to the SolarEdge inverter in parallel to the PV strings
- Can be used to upgrade existing SolarEdge systems
- Designed to eliminate DC voltage and current during installation, maintenance or firefighting

www.solaredge.com
# StorEdge Interface for Australia

## SESTI

<table>
<thead>
<tr>
<th>BATTERY DC INPUT</th>
<th>SESTI-S2</th>
<th>SESTI-S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Batteries per StorEdge system</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Compatible Batteries</td>
<td>LG Chem RESU7H</td>
<td>LG Chem RESU10H</td>
</tr>
<tr>
<td>Compatible Inverters</td>
<td>Single Phase Inverters</td>
<td>Single Phase Inverters with HD-Wave Technology</td>
</tr>
<tr>
<td>Max Input Voltage</td>
<td>1000 Vdc</td>
<td>17.5 Vac</td>
</tr>
<tr>
<td>Max Input Current</td>
<td>25A</td>
<td>25A</td>
</tr>
<tr>
<td>DC Fuses on Plus and Minus</td>
<td>25A (field replaceable)</td>
<td>25A (field replaceable)</td>
</tr>
</tbody>
</table>

## ADDITIONAL FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>SESTI-S2</th>
<th>SESTI-S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Communication Interface</td>
<td>RS485</td>
<td>RS485</td>
</tr>
<tr>
<td>Meter Communication Interface</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery Power Supply</td>
<td>Yes, 12V / 53W</td>
<td></td>
</tr>
</tbody>
</table>

## STOREEDGE INTERFACE POWER SUPPLY

<table>
<thead>
<tr>
<th>Specification</th>
<th>SESTI-S2</th>
<th>SESTI-S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Input Voltage (Nominal)</td>
<td>220 / 230 Vac</td>
<td></td>
</tr>
<tr>
<td>AC Input Voltage Range</td>
<td>184 - 264.5 Vac</td>
<td></td>
</tr>
<tr>
<td>AC Frequency (Nominal)</td>
<td>50 / 60 ± 5 Hz</td>
<td></td>
</tr>
<tr>
<td>Max AC Input Current</td>
<td>300 10 mA</td>
<td></td>
</tr>
</tbody>
</table>

## INSTALLATION SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>SESTI-S2</th>
<th>SESTI-S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC input gland cable diameter / wire cross section</td>
<td>6-13mm / 1-2.5mm²</td>
<td></td>
</tr>
<tr>
<td>DC input</td>
<td>1 MC4 pair</td>
<td></td>
</tr>
<tr>
<td>Dimensions (HxWxD)</td>
<td>206.6 x 316 x 117.5 mm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>3 kg</td>
<td></td>
</tr>
<tr>
<td>Min - Max Operating Temperature</td>
<td>-20 to +60 °C</td>
<td></td>
</tr>
<tr>
<td>Protection Rating</td>
<td>IP65</td>
<td></td>
</tr>
<tr>
<td>Installation</td>
<td>Wall mounted</td>
<td></td>
</tr>
</tbody>
</table>

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**Diagram:**

- **PV**
- **Power Optimisers**
- **Battery Pack**
- **Inverter**
- **StorEdge Interface**
- **Grid connection point**
- **Energy Meter**
- **Monitoring Platform**

**Supported Batteries:** RESU, LG Chem

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