**Xtender XTH**

**XTHER 3000 - 12**  **XTHER 5000 - 24**
**XTHER 6000 - 48**  **XTHER 8000 - 48**

**Powerful and expandable**

The Xtender XTH provides great flexibility of use due to its many functions: bidirectional inverter, battery charger, transfer system and assistance to the source or feed back to the source (grid feeding).

2 auxiliary contacts allows automatic control of a genset or load shedding or other programmable functions.

These functions can be controlled in a totally automatic way for an optimal management of available energy in hybrid microgrid systems, in combination with VarioTrack or VarioString solar charge controller.

**Main features**

- Outstanding efficiency and overload
- Peak shaving with perfect power assist function
- Battery / renewable source priority
- Parallel and three-phase setting, up to 72kW (9 units)
- Powerful multi-stage PFC charger
- 50A transfer relay with ultra-short transfer time (0 to 15ms max.)
- 2 independently programmable 16A auxiliary contacts
- Compatible with AC coupling with frequency shift function
- Display, programming and data logging with RCC remote control
- Web access through plug and play device Xcom-GSM/LAN
- Interactive with the Battery Status Processor (BSP)
- RS-232 communication for remote supervision

**Xtender XTH**

<table>
<thead>
<tr>
<th>Model</th>
<th>Output power (kW)</th>
<th>DC power (kW)</th>
<th>Battery Voltage</th>
<th>Charge current (A)</th>
<th>Transfer capacity (A)</th>
<th>Output voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>XTH 3000-12</td>
<td>1.5</td>
<td>2</td>
<td>2.5</td>
<td>12 V</td>
<td>0 - 160</td>
<td>220Vac</td>
</tr>
<tr>
<td>XTH 5000-24</td>
<td>3.5</td>
<td>5</td>
<td>6.5</td>
<td>13 V</td>
<td>0 - 140</td>
<td>220Vac</td>
</tr>
<tr>
<td>XTH 6000-48</td>
<td>5.5</td>
<td>8</td>
<td>8</td>
<td>24 V</td>
<td>0 - 100</td>
<td>220Vac</td>
</tr>
<tr>
<td>XTH 8000-48</td>
<td>7.5</td>
<td>10</td>
<td>10</td>
<td>24 V</td>
<td>0 - 120</td>
<td>220Vac</td>
</tr>
</tbody>
</table>

**Flexible to meet your microgrid needs**

Display, programming and data logging unit

- Hyrid systems: single phase from 5kW to 24kVA or three-phase from 5k to 72kVA