Solar *light* transformers

low weight, high performance
Solar light
The solar transformer with low weight and high performance

The toroidal transformer REO Solar light with separated windings is a powerful transformer for photovoltaic converters. Besides the usual advantages of solar toroidal transformers, like the galvanic isolation between solar generator and grid and the no grid-related disturbance of the solar generator, REO Solar light distinguishes itself particularly by its low weight. With an optimized material use and a compact construction the solar light transformer achieves - in spite of weight reduction - the same performance as a conventional solar toroidal transformer.

Advantages of REO Solar light:

- very high efficiency
- low magnetic stray field
- easy to connect
- easy single hole mounting
- low mechanical noise
- very low no-load current
- low voltage variation
- exclusively UL-materials
- high protection IP65
- good heat dissipation
- small volume of space
- insulation class B (130 °C)
- insulation class H (180 °C)
- compact construction, volume reduced by up to 50 %
- low weight

Technical data

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RFT 1500</td>
<td>170</td>
<td>230</td>
<td>6,52</td>
<td>1500 / 1400</td>
</tr>
<tr>
<td>RFT 3000</td>
<td></td>
<td></td>
<td>13,04</td>
<td>3000 / 2700</td>
</tr>
<tr>
<td>RFT 5000</td>
<td></td>
<td></td>
<td>21,74</td>
<td>5000 / 4800</td>
</tr>
<tr>
<td>RFT 1500 +</td>
<td>0,34 mH / 12,5 A</td>
<td>6,52</td>
<td>1500 / 1400</td>
<td></td>
</tr>
<tr>
<td>RFT 3000 +</td>
<td>0,34 mH / 25 A</td>
<td>13,04</td>
<td>3000 / 2700</td>
<td></td>
</tr>
<tr>
<td>RFT 5000 +</td>
<td>0,34 / 42 A</td>
<td>21,74</td>
<td>5000 / 4800</td>
<td></td>
</tr>
</tbody>
</table>

Solar light transformers can also be customized.