



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

REO Solar light	Input voltage [V]	Output voltage [V]	Output current [A]	Power [VA]	
RFT 1500	170	230		6,52	1500 / 1400
RFT 3000				13,04	3000 / 2700
RFT 5000				21,74	5000 / 4800
RFT 1500 +			0,34 mH / 12,5 A	6,52	1500 / 1400
RFT 3000 +			0,34 mH / 25 A	13,04	3000 / 2700
RFT 5000 +			0,34 / 42 A	21,74	5000 / 4800

Solar *light* transformers can also be customized.



2605 VA
CE



Solar light



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