

Designed specifically for all types of rooftops

- No mounting hardware
- No wind load, very aerodynamic
- Lightweight, only 3.6 kg/m²

Flexible module

- Fits all roof types and shapes
- Durable, non-breakable

More energy

- High efficiency Gen 2 CIGS cell technology
- 50 % more efficient than flexible a-Si
- Performs in all light conditions
- Shade tolerant, 2 diodes per cell
- 100 Watt per m²

Advantages for vehicle roofs

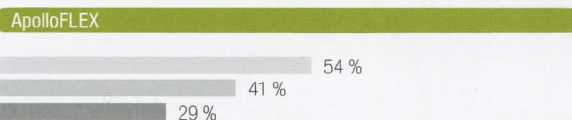
- No roof penetration, no hole drilling
- Up to 80 % reduction in weight
- No mounting hardware required
- No wind load, no wind noise while driving
- Increased fuel efficiency due to low height (3 mm), aerodynamic design and lightweight
- Theftproof
- Safe to walk on, non-breakable
- Vehicle stays below 3.5 t

How ApolloFLEX compares to other solar panels

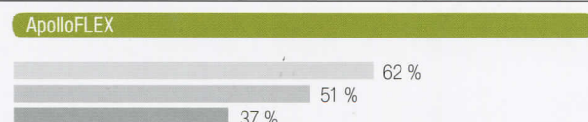
Location: Munich

Fixed Area Installation

Power Generated (kW)



Energy Produced (kWh)



ApolloFLEX

a-Si laminate (flat)

c-Si (tilted)

CdTe (tilted)

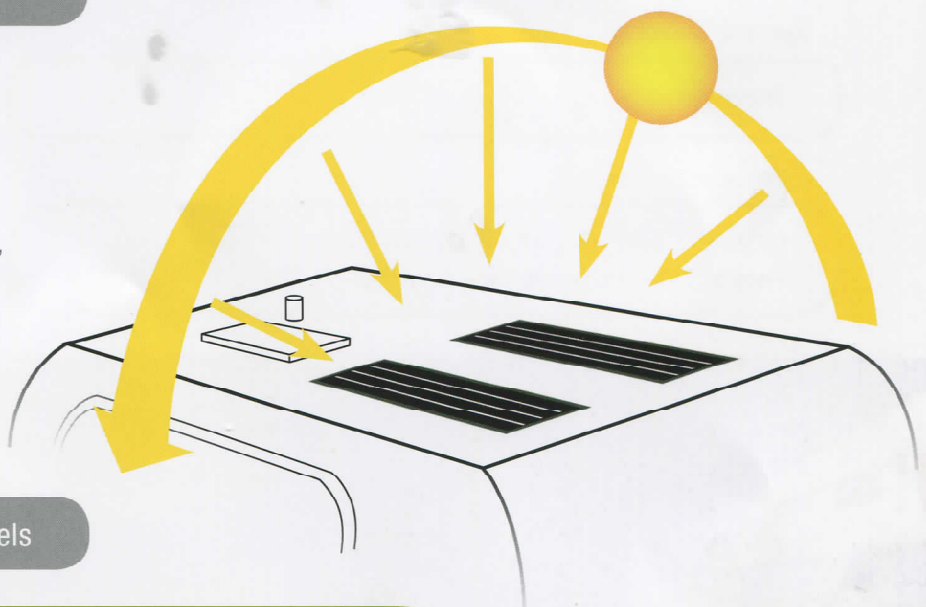
ApolloFLEX

The most advanced flat solar panel on the planet



This is your roof with **ApolloFLEX**

More power from the sun at any angle



ApolloFLEX

The most advanced flat solar panel on the planet



Electrical Specifications*

Capacity rating	P _{max}	100 W
Rated voltage	V _{mpp}	17.5 V
Rated current	I _{mpp}	5.7 A
Open circuit voltage	V _{oc}	23.7 V
Short circuit current	I _{sc}	6.4 A

*Measured at (STC) Standard Test Conditions: 25 °C, 1 kW/m² Insolation, AM 1.5

Mechanical Specifications

Dimensions	2013 x 494 x 3.5 mm
Weight	3.6 kg (nominal weight with adhesive)
Junction Box	Junction box with bypass diodes
Cables	Tyco IP67
Front Sheet	ETFE
Solar Cells	36 CIGS cells (210 x 100 mm), 2 diodes/cell

Operating Conditions

Temperature Range	- 40 °C to + 85 °C
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Certifications and Warranty

UL 1703, IEC 61646 / 61730, JEC, ICC-ES AC365
Warranty: 3 years for Materials and workmanship

Euro-Line Solar has been providing off-grid and mobile power solutions for 12 Volt battery charging since 2001. Our main business is supplying our partners with innovative, renewable energy products focusing on state-of-the-art off-grid solar applications.

Our products can be found primarily in the caravan, camping/outdoor, marine and electronics markets.

Whether you need to charge smart phones, SAT phones, iPod's, MP3's, GPS devices while outdoors and off the grid or you have a caravan or a boat or a remote cottage without electricity, Euro-Line Solar has a product that can solve your energy needs.

Call Euro-Line Solar to find out if ApolloFLEX is right for you:

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