

NEW

The alternative Solar Module –
lighter, thinner, more efficient

ApolloFLEX Mono

Energy Conversion Efficiency 22.3%

Aerodynamic

Highly Efficient

Maintenance Free

Ultralight

Thin

**MADE IN
GERMANY**



The best solar module for vehicles

Solar modules and complete systems for Motorhomes, Caravans,
Conversion Vans, Expedition Vehicles, Sailing Yachts and Boats

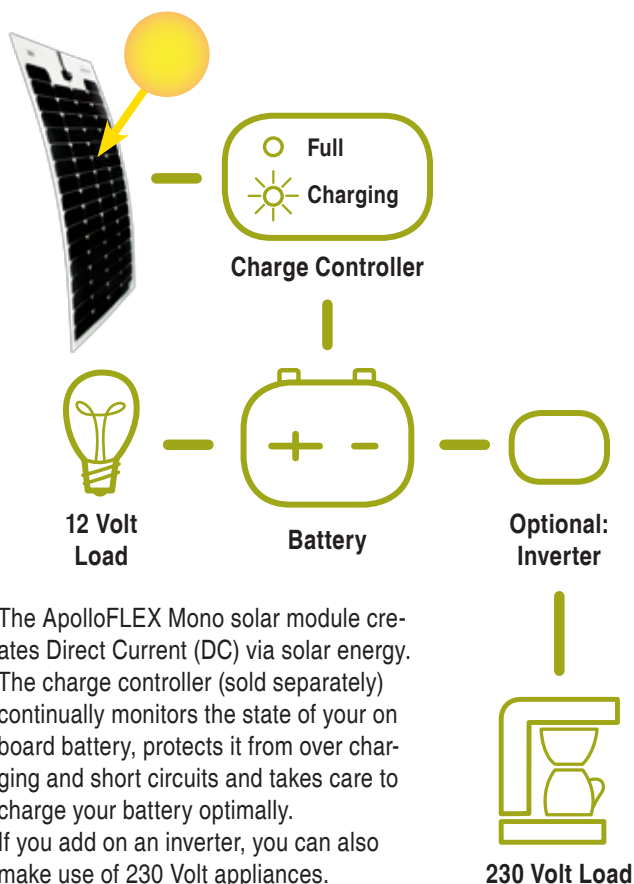
www.ApolloFLEXMono.com

Energy supplied by ApolloFLEX Mono solar modules while you're off the grid

The ApolloFLEX Mono solar panel charges your on board battery of your motorhome, caravan, boat or other vehicle automatically, silently and maintenance free.

Thanks to the ApolloFLEX Mono complete solar systems you are completely independent of the electric grid.

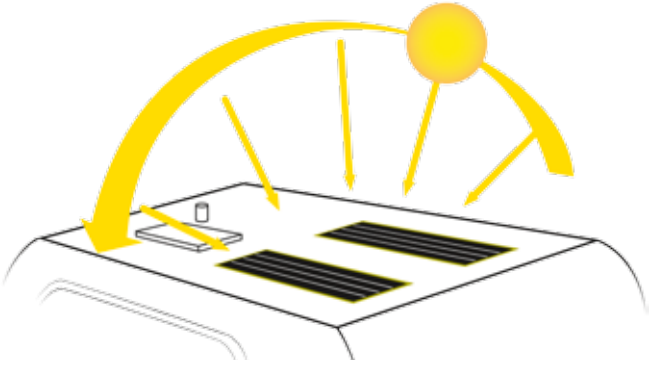
Here is how the ApolloFLEX Mono complete system works



The ApolloFLEX Mono solar module creates Direct Current (DC) via solar energy. The charge controller (sold separately) continually monitors the state of your on board battery, protects it from over charging and short circuits and takes care to charge your battery optimally.

If you add on an inverter, you can also make use of 230 Volt appliances.

SunPower® solar cells deliver more energy from the sun



Electrical Specifications*

	ApolloFLEX Mono 35	ApolloFLEX Mono 70	ApolloFLEX Mono 107
Capacity rating – Pmax	35.7 W	70 W	107 W
Rated voltage – Vmpp	19.04 V	18.48 V	19.04 V
Rated current – Impp	1.85 A	3.7 A	5.9 A
Open circuit voltage – Voc	23.32 V	22.64 V	23.32 V
Short circuit current – Isc	1.97 A	3.94 A	6.27 A

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

Mechanical Specifications

	ApolloFLEX Mono 35	ApolloFLEX Mono 70	ApolloFLEX Mono 107
Dimensions (mm)	430 x 540 x 3	785 x 540 x 3	1170 x 540 x 3
Weight (kg)*	1.1	1.9	2.9
Cell Count	34	66	34
Cable	0,5 m / 4 mm ² with MC4		
Laminate	for all models ETFE		
Backside	A 1 mm thin Hard Glass laminate in aeronautic quality.		

Operating Conditions

Temperature Range – 40 °C to + 85 °C

Warranty and Power Guaranty

2 Years Materials and Workmanship and 90% Power Guaranty / 5 Years

Sample calculations of energy use per day in a vehicle

	Power in Watt	Time in Hours	ApolloFLEX Mono 107	2 x ApolloFLEX Mono 107
Water Cooker	800	0.2		160
Computer	90	1	90	90
Coffee Machine	1500	0.2		300
Battery Charger	20	2	40	40
SAT/TV	70	2	140	140
LED Lighting	100	2	200	200
Water Pump	40	0.5	20	20
Total (in Watt)			490	950

Daily Output* of ApolloFLEX Mono 107 = 535 Watt

*Based on 5 hours of nominal power as an average for a summer day in Germany

Power Supply Without Borders

Those on the go who wish to use electrical appliances as if they were at home require enough power to handle the task. The ApolloFLEX complete solutions offer a variety of kits to provide you with your daily electrical needs.

- **Also including 230 Volt Appliances**

With an inverter you may also utilize your normal home appliances rated at 230 Volt.

- **High Tech and Clean Energy**

No fuel tanks to fill up, no noise, no maintenance.

Simply environmentally clean energy from the sun.



Advantages of ApolloFLEX Mono

- **Fully automatic and maintenance free**
As soon as the sun shines, electricity will be produced and you will be independent of the electric grid and free to stop wherever you please.
- **Light, thin and aerodynamic**
Weighing only 1.0 – 2.8 kg, the ApolloFLEX Mono is up to 70 % lighter than other solar modules. Combined with a thin aerodynamic design the wind load is also reduced helping you offset fuel costs while driving.
- **Salt water resistant, safe to walk on, non-breakable, theft proof, hail proof and solidly adhered**
- **More Energy, 169 Watts per Meter² ***
ApolloFLEX Mono modules use monocrystalline back contact solar cells from SunPower® – solar cells with an efficiency of 22.3%. Extremely heat resistant: The energy produced remains high even in extreme heat. Back contact solar cells offer a higher energy conversion efficiency and more flexibility.
*With the 107 Watt Module
- **Modular and Expandable**
Require more electricity? No issue, simply connect up additional ApolloFLEX Mono solar modules.



Euro-Line Solar GmbH

Dänenstr. 6 • 10439 Berlin, Germany

Info: +49 (0)30 609 22 695 • info@eurolinesolar.com

www.eurolinesolar.com

ApolloFLEX Mono is a product of Euro-Line Solar GmbH.
SunPower® is a registered trademark of SunPower Corp.
All other trademarks are the property of their respected owners.

www.ApolloFLEXMono.com



ApolloFLEX Mono

Dealer Contact

