



AEG

360° ENERGY SOLUTIONS

FOR HOME
& BUSINESS

AEG SOLAR PORTFOLIO 2024



We believe in responsible innovation that stands out today and helps build a better tomorrow.

We offer turnkey photovoltaic solutions that empower your business and make solar energy a desirable choice for your customers.

We craft solar products that are highly efficient and beautiful, with superior quality made to last.

For you, we design premium 360° AEG solar energy solutions.

For you, and with you, we

CHALLENGE THE EXPECTED



NEVER SETTling FOR GOOD ENOUGH

AEG started in Berlin in 1887, and never settles for good enough. And we don't think you should have to either. That's why each AEG solar product is designed to exceed your expectations.

This relentless focus on quality has earned AEG the acknowledgement and appreciation of distributors, installers and customers alike.

Owned by the Electrolux Group, the AEG brand is an integral part of the history of energy.

It's with the same energy that, since 2015, the Solar Solutions Group proudly brings AEG solar products to international markets, strong of a team with over 30 years' experience in the solar photovoltaic industry, and a global network of selected partners.

As of today, more than 1.7 million AEG solar modules power homes and businesses worldwide with clean energy from the sun.



MASTERPIECES MADE TO LAST

AEG modules have 30 years of product and performance warranty.

It's a quality promise that stems from our absolute focus on our products:

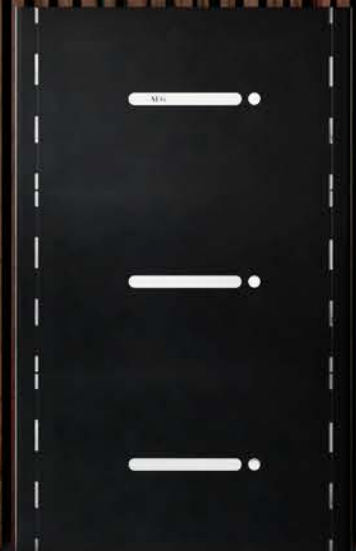
...Because we use cutting-edge technology that allows your solar modules to perform powerfully in time.

...Because we have absolute confidence and control in the materials and processes we use to manufacture them.

...Because our highly committed Quality Team ensures that your AEG solar modules comply to exacting quality standards from inception to delivery.

This quality makes us confident in guaranteeing your AEG solar modules for up to 30 years, and in offering a premium service on our flagship Back-Contact product series: 40 years of Exchange and Replacement Service.

Our aim: granting you clean energy, maximum gains and absolute peace of mind.



QUALITY IS THE PRODUCT OF WISE CHOICES

1. TOP SUPPLIERS

Solar Solutions only cooperates with top tier manufacturers – compliant with ISO 9001, 14001, 45001 certifications, fully automated and equipped with the latest technology, certified and controlled by independent certification bodies



2. PREMIUM MATERIALS:

A carefully curated Bill of Materials (BOM) is at the core of each AEG solar module. We select high quality components that are tested and certified to guarantee a solid product, able to withstand the test of time.

3. RIGOROUS CONTROL

Our Quality Control engineers execute material and visual inspections and supervise multiple functional testing (electroluminescence, durability, reliability testing, and many more) to ensure AEG solar products meet and exceed rigorous quality requirements.



4. AN INSTALLER-CENTRIC APPROACH

We design our products with the everyday work of the installers in mind. We make it smooth with design choices such as extra long cables and original MC4 connectors, and offering wide product range availability allowing so that you can choose the most appropriate models that best comply with local regulations in your area.



More about
AEG Quality here

One world-class brand
One source for your solar products

360° ENERGY SOLUTIONS FOR HOME & BUSINESS



AEG SOLAR PORTFOLIO

SOLAR MODULES

EFFICIENCY UP TO
23.6%
BACK CONTACT
TECHNOLOGY,
SUPERIOR EFFICIENCY

BACK-CONTACT TECHNOLOGY

Everything happens behind the curtains – on the rear side, granting you top efficiency up to 23.6% and a smooth gridless design



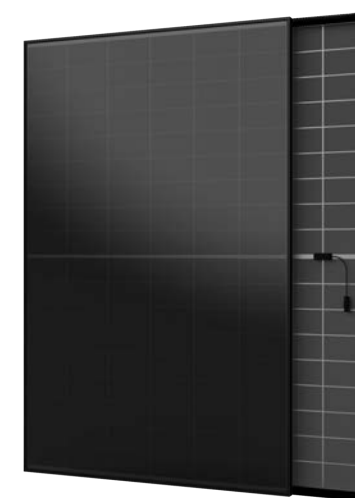
AS-M1089Z-A(M10)-HV

Glass-backsheet back-contact solar module

15-year product warranty & 30 year performance warranty
30-year Exchange and Replacement Service
White backsheet, black frame

Power range: 460-470 Wp
Efficiency: up to 23.6%
Cells: 108 monocrystalline back-contact cells
Dimensions: 1757 x 1134 x 30 mm

Download Datasheet:



AS-M1089B-GA(M10)-HV

Double glass back-contact solar module

25-year product warranty & 30 year performance warranty
40-year Exchange and Replacement Service
Black glass, black frame

Power range: 440-460 Wp
Efficiency: 22.6 - 23.1%
Cells: 108 monocrystalline back-contact cells
Dimensions: 1757 x 1134 x 30 mm

Download Datasheet:



N-TYPE TOPCON BIFACIAL MODULES / WITH OPTIONAL RECTANGULAR CELLS

More converting surface thanks to bifaciality, high efficiency of N-type cells and extra power from rectangular M10 cell format (RM10)



AS-M1082Y-BH(RM10)-HV

Double glass bifacial solar module

30-year product and power warranty
White grid back glass, black frame

Power range: 440-455 Wp
Efficiency: 22.02 - 22.77%
Cells: 108 monocrystalline half-cut N-type cells
Dimensions: 1762 x 1134 x 30 mm

Download Datasheet:



AS-M1082B-BH(RM10)-HV

Double glass bifacial full black solar module

30-year product and power warranty
Black back glass, black frame

Power range: 435-450 Wp
Efficiency: 21.8 - 22.5%
Cells: 108 monocrystalline half-cut N-type rectangular cells
Dimensions: 1762 x 1134 x 30 mm

Download Datasheet:



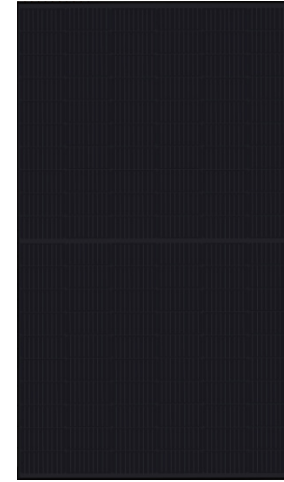
AS-M1443Y-BH(M10)-HV

Double glass bifacial solar module

30-year product and power warranty
White grid back glass, black frame

Power range: 565-580 Wp
Efficiency: 21.9 - 22.5 %
Cells: 144 monocrystalline half-cut N-type cells
Dimensions: 2278 x 1134 x 30 mm

Download Datasheet:



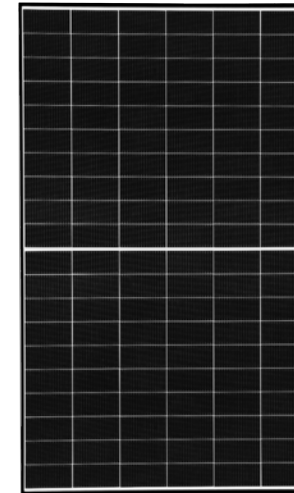
AS-M1202B-BH(RM10)-HV

Double glass bifacial solar module

30-year product and power warranty
Glazed black back glass, black frame

Power range: 490-505 Wp
Efficiency: 22.2 - 22.8 %
Cells: 120 monocrystalline half-cut N-type rectangular cells
Dimensions: 1950 x 1134 x 30 mm

Download Datasheet:



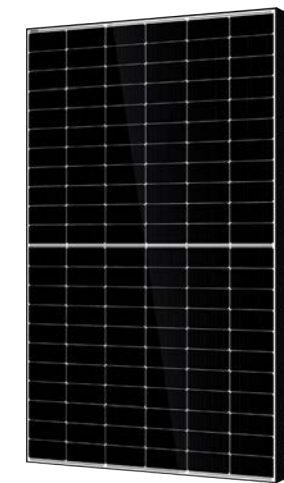
AS-M1202Y-BH(RM10)-HV

Double glass bifacial solar module

30-year product and power warranty
White grid back glass, black frame

Power range: 490-505 Wp
Efficiency: 22.2 - 22.8 %
Cells: 120 monocrystalline half-cut N-type rectangular cells
Dimensions: 1950 x 1134 x 30 mm

Download Datasheet:



AS-M1323Y-BH(RM10)-HV

Double glass bifacial solar module, white grid black frame

30-year product and power warranty
White grid back glass, black frame

Power range: 600-615 Wp
Efficiency: 22.2 - 22.8 %
Cells: 132 monocrystalline half-cut N-type rectangular cells
Dimensions: 2382 x 1134 x 30 mm

Download Datasheet:



AEG SOLAR PORTFOLIO

HYBRID INVERTERS & ENERGY STORAGE



DESIGNED FOR A PERFECT MATCH

The AEG hybrid inverter seamlessly works with the AEG monobloc HV battery or the modular stackable battery - for maximum flexibility

HYBRID INVERTER

10-year product warranty



Power Range: 6 / 8 / 10 / 12 / 15 kW
Dimensions: 460 x 496 x 221 mm
Weight: 23 kg – 25 kg

Sleek looks, quiet operation (fanless design)
Smart load control and peak shaving
Built-in Type II SPD (DC & AC side) and IP66 for extra reliability
Remote Commissioning, AFCI optional

Download Datasheet:



STACKABLE BATTERY

10-year product warranty (4500 cycles)



Dimensions: 380 x 700 x 120 mm
Weight: 52 kg

Stackable system, max. 4 units per cluster
Connection of 2 clusters possible (total of 8 units)
DC bus technology (one BMS per battery module)
No imbalance issues between battery modules
Later upgrade possible (even with different capacity)
Monitoring and troubleshooting via inverter app

Download Datasheet:



HIGH-VOLTAGE BATTERY

10-years warranty (6000 cycles)



Nominal storage capacity: 10.0 kWh
Usable storage capacity: 9.0 kWh
Dimensions: 971 x 654 x 227 mm

Nominal storage capacity: 15.0 kWh
Usable storage capacity: 13.5 kWh
Dimensions: 1205 x 654 x 227 mm

Parallel configuration possible
Cascading option (up to 4 units of similar type)
Lithium battery (LFP)

Download Datasheet:



TAILORED TO YOUR GROWTH

Grow your business with a trusted brand: Gain expertise with advanced technical insight, and gain customer trust with premium solar products and the total awareness of a top consumer brand recognized by millions of customers worldwide.

AEG

TRUSTED
SOLAR PARTNER

AEG is a registered trademark used under license from AEG Elektrobus GmbH.

AEG TRUSTED SOLAR PARTNER SEAL AND STATUS

Achieve the AEG Trusted Solar Partner Status to show your professionalism.

Display the AEG Trusted Solar Partner Seal to signal your company's special expertise with AEG solar products.

SOLAR SOLUTIONS ACADEMY

Enhance your expertise with:

- AEG Live training
- AEG Train the trainer sessions
- AEG Brand day events

AI support with training materials in your language. Ask your national distributor for more details.



RESELLER PROGRAMME

Join the AEG Reseller Programme to take advantage of exclusive economic benefits and become a brand ambassador for AEG solar products. Enjoy special purchasing conditions, loyalty rewards, and cost-saving opportunities tailored to support your business growth. Ask your national distributor for more details.



READY FOR YOUR SOLAR JOURNEY?



In 30 countries worldwide, each of our AEG Solar Distribution Partners has one goal: delivering a premium product and an outstanding customer experience.

Are you ready to start your solar journey with us and join the AEG Solar Distribution Network?

AEG

Solar Solutions AG
Riedweg 3 | 6418 Rothenthurm
Switzerland

Visitor Address:
Hauptstrasse 51 | 6418 Rothenthurm
Switzerland

+41 41 5617710
info@aeg-solar.com
www.aeg-solar.com

For more information:



AEG is a registered trademark used under license from AB Electrolux (publ).