

SHARP Energy Solutions

Your Solar Partner for Life

Be ahead of your competition with advanced products.



Leverage the industry's longest-standing experience

Long-term partnerships are built on trust, strength, and reliability. When our competitors started entering the market in the late 1990s, SHARP already had about 40 years of experience with a wide range of solar panel applications. We are proud of this long heritage and the many successful projects made possible by SHARP solar panels around the globe.

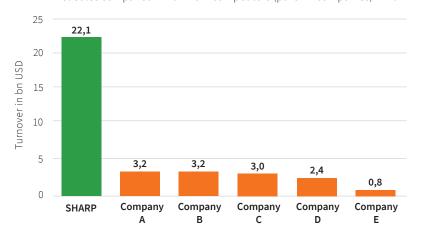




Secure your customers investment

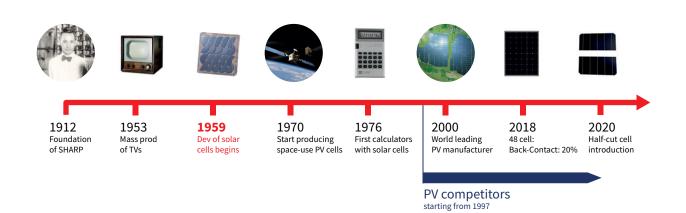
As part of a corporation whose diverse portfolio includes a broad range of consumer electronics, we rely on a stable financial backbone for our solar PV business, comfirmed by Bloomberg's Tier 1 listing. In contrast to pure solar manufacturers, we can withstand the fluctuations of the highly volatile solar markets. For our partners and customers, this means that we will be around and by your side for a long time.

Net Sales comparison with main competitors (pure PV companies) in 2017



Benefit from a well known consumer brand

100+ years of company history and six decades of PV experience



Open up every market segment to generate new business





Go Online!

Select a module and see the datasheets and certificates www.sharp.co.uk/solar-panels

Achieve ROIs quickly

Highest-yielding half-cell PV panels

The main benefits of the half-cell modules for users are a 2-3% higher module performance and higher total yields. In a half-cell module, standard full cells are cut into two equal halves. In addition, the module is also divided into an upper and a lower half and the half-cells arranged thereon.

By dividing the cells, the power generated per cell is halved and resistance losses on cell and module level are reduced to one quarter. In addition, the halved current can significantly reduce the temperature in the cells and therefore reduce the risk of hot spot effects. The three small junction boxes, each fitted with only one bypass diode, are transferring less heat to the cells below as well. These factors also boost the longevity of the overall system and dividing the module in half will also have an impact on the overall performance. The path of the generated current is shortened by dividing the module, further reducing resistance losses. Mounting the module vertically will also prove beneficial in shading situations. For example, if the lower half of the module is shaded, users can still generate a 50% performance with the upper half, while the production of a full cell module completely breaks away. This could be the case with inter-row shading for free-field or tilt-mounted roof installations. With half-cell modules, therefore, higher wattage classes and higher yields per system can be achieved.

5% is more than 5W

SHARP is the only company with up to 5% more power than specified on the datasheet. The power tolerance of other companies is 0/5 W.

Higher efficiency with PERC cells

Our monocrystalline PV modules are available with PERC cells. These "passivated emitter rear contact" cells are a new technology that increases module efficiency at competitive prices.



"Our relationship with SHARP Service can be described best by the number of issues we have had with SHARP products in the past 18 years: ZERO! This is statistically impossible and yet, true!"

Christos Pronios Eurosol



Subscribe to our newsletter for business customers



Go Online! www.sharp.eu/solar-newsletter

Best guarantees

Start the guarantee period with the handover to the first buyer

SHARP offers a 10-year product guarantee* for Africa and other listed countries and 25-year linear power output guarantee to the end user – starting with the delivery to the first buyer. All customer guarantees are managed from our offices in Hamburg, Germany.

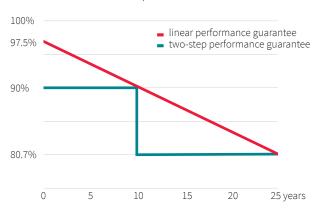
10*
YEARS

25 YEARS

Product Guarantee

Linear Power Output Guarantee

The linear power output guarantee from SHARP secures additional module performance



Sleek black designs

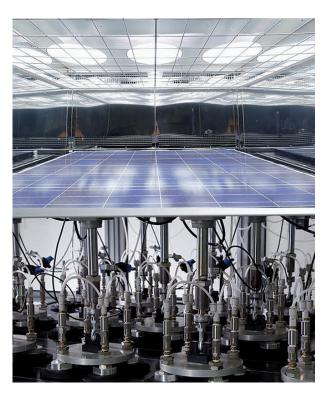
Satisfy your style conscious customers

With their black frames and black back sheets, our all-black monocrystalline panels offer a homogeneous and sleek design that highlights a project's architecture.

Proven quality

Provide reliable products which passed the hardest tests

Our extensive, discerning tests are based on decades of industry experience and are up to five times stricter than IEC standards demand. We know the typical module failures and can test new production materials accordingly to ensure our modules' top quality. From compliance with international standards to endurance under extreme conditions: our PV modules have been tested, certified and awarded by a number of independent institutions. Please check the current specific data sheet and related documents for available certificates for each product.





^{*}Applicable for NU and ND series installed within the countries of Africa and additional listed countries. Please check the guarantee conditions for your area before purchasing.

Trust in over 50 million SHARP panels installed in every environment

SHARP PV products are being used around the world, in a wide range of applications and environments. From the mountains to the desert, from icy climates to extreme humidity and heat, our PV modules have proven robust and reliable, contributing to a better energy future everywhere.



Large scale projects



Nordic installations (heavy snow loads and up to -15°C)



Single- and multi-family homes



Solar powered irrigation projects





Desert installations (up to 50° C)



Floating PV installations



Salty costal climate conditions



Industrial installations



Mountain installations (strong wind pressure)

Follow us! @SHARPSolarEMEA













Contact us and we will be happy to assist



Superior service based in Europe

Our solar service, sales, and support teams are based in Hamburg, Germany for more than 20 years. We like to be close to our customers and partners and have our stock close, too. That is why we operate from offices in Europe and have a warehouse here.



Go Online!

Get in touch with us now and meet the team.

www.sharp.co.uk/solar-team



See what our clients have to say:

"We chose SHARP for the sake of product quality, performance and guarantee. Its performance in our demanding and harsh weather conditions in Finland guarantees the best possible energy production compared to any other product we have used so far."

Antti Kostainen PlayGreen, Finland "SHARP modules have proved highly dependable in the past, with a very good price-performance ratio. Over the almost seven years of our partnership with SHARP, they have been consistently reliable and supportive. It is clearly a win-win situation."

Sándor Harcsa-Pintér 3comm, Hungary



"We've done more than 70 projects with SHARP modules so far. Their high quality and reliable guarantees give us great peace of mind." Spain Scine Tech, Spain

"We have been a satisfied customer of SHARP for three years now. Especially the support, the accessibility without telephone loop, the reliability as well as the good cooperation have always convinced us."

Josef Wilken

W.N. Solarsysteme, Germany

"All panels were delivered on time, which helped adhering our time schedule a lot and is required when installing 43,000 modules. Furthermore, the SHARP modules have exceeded our expectations in terms of quality and reliability. This was also confirmed by the great yields we generated so far."

Aldo Enerji Akin Yalçin, Turkey

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