



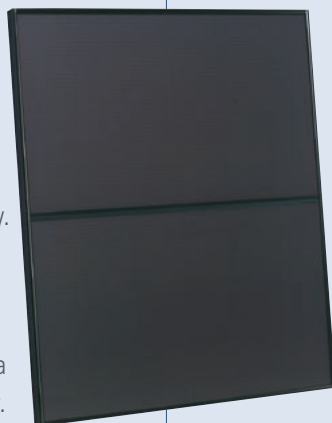
Say yes to solar power! Because it protects the climate.

Innovations from a photovoltaic pioneer

As a solar specialist with 50 years' experience in photovoltaics (PV), Sharp makes significant contributions to groundbreaking progress in solar technology.

The NA series of thin-film photovoltaic modules consists of an amorphous and a microcrystalline silicon layer. This microamorphous tandem structure not only absorbs visible light but also the invisible portion of the solar spectrum. This makes especially efficient use of solar energy.

All Sharp NA series modules offer system integration which is optimal both technically and economically, and are suitable for installations in on and off-grid PV systems.



Brief details for the installer

- Tandem structure consisting of an amorphous and a microcrystalline silicon layer
- 96 cells
- 2,400 N/m² mechanical load-bearing capacity (245 kg/m²)
- 600 V DC maximum system voltage
- IEC/EN 61646, IEC/EN 61730, Class II (VDE: 40023069)

Product features

- Tandem structure with an amorphous and a microcrystalline silicon layer offering a stabilised module efficiency of up to 9.0%.
- The black appearance of the module creates a harmonious visual impression.
- Higher energy yields per watt, at both high temperatures and with diffuse light.
- Use of tempered white glass, EVA plastic, and weather protection film, as well as an anodised aluminium frame with drainage holes for long-term use.
- Output: connection cable with waterproof plug connector.

Quality from Sharp

Benchmarks are set by the quality standards of Sharp Solar. Continual checks guarantee a consistently high level of quality. Every module undergoes visual, mechanical, and electrical inspection. This is recognisable by means of the original Sharp label, the serial number, and the Sharp guarantee:

- 5 year product guarantee
- 10 year performance guarantee for a power output of 90%
- 25 year performance guarantee for a power output of 80%

The detailed guarantee conditions and additional information can be found at www.sharp.eu.

- End users are required to register the modules with Sharp in order for the product and service warranty to be effective. The registration documents will be handed out by the installation staff or supplied directly by Sharp.

