



Protect the climate. With a Sharp PV-Kit.



Offering the highest standards in safety, durability, wind loading and ease of assembly is the Sharp PV-Kit, designed to quickly and securely assemble Sharp solar modules.

Designed with a slim profile, the Sharp PV-Kit achieves an overall harmonious look. It is suitable for both slate and tiled roofs. The compact installation system has a maximum frame height of only 50 mm. Horizontal and vertical frames provide a high level of stability, allowing a larger distance between each roof hook or hanger bolt. The modules are mounted tension-free, providing ideal conditions for the operational safety and durability of the solar modules. Corrosion-resistant materials and sturdy construction ensure a long service life and profitability.



Top quality from Sharp Solar

- Sharp, a photovoltaics pioneer, has acquired more than 50 years of experience in solar power. The solar cells and modules manufactured by Sharp deliver a total output of over 4 GWp, making Sharp one of the world's leading manufacturers of premium quality monocrystalline and polycrystalline modules as well as thin-film modules.

Product features

- The Sharp PV-Kit is available in different sizes with an output ranging from 1.44 to 3.96 kWp.
- The Sharp PV-Kit is equipped with high performance monocrystalline and polycrystalline modules for extremely high power yields from south-facing roofs.
- All components are supplied by first class manufacturers: modules from Sharp, inverters from Sputnik, installation system from SEN – and all built to match.
- Quality tested to European technical standards and GS, VDE and MCS certified.

Advantages of the Sharp PV-Kit

- Solar modules installed within slimline of roof system for a more discreet look.
- Anodized silver installation system for an appealing design.
- Higher yields via optimum back ventilation of modules.
- The special profile of the horizontal framing provides safe drainage and ventilation, which hinders frost and corrosion damage to the modules.
- Built-in theft protection.
- Toolless, on-roof module installation reduces installation time and increases safety.
- Protected cable runs in the horizontal and vertical framing.
- Future expansion of system is possible.

Modules – guarantee

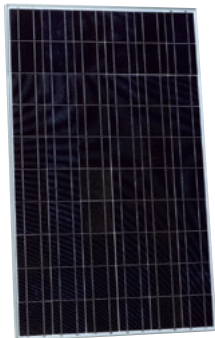
- 5-year product guarantee
- 10-year performance guarantee on a power output of 90%
- 25-year performance guarantee on a power output of 80%

The detailed guarantee conditions and additional information can be found at www.sharp.eu/pv-kit

Modules

Polycrystalline

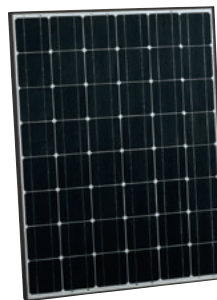
Monocrystalline



For large and small roofs

- Polycrystalline PV modules of the ND series consist of solar cells of sawn-off, moulded silicon blocks.
- Polycrystalline PV modules have been proven for decades and possess a good value-for-money ratio. They are suitable for use on single-family houses as well as for roofs of industrial buildings and for large solar parks.

- The rated power of the ND module is 220 W.



High output in the smallest space

- Monocrystalline PV modules of the NU series are constructed of high-quality, black solar cells which consist of one silicon crystal with regular structure.

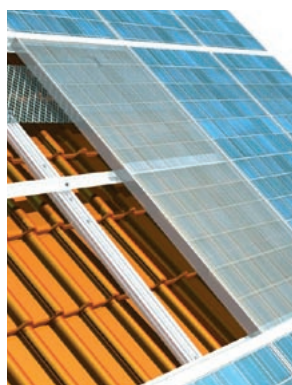
- Monocrystalline modules, due to their excellent efficiency, achieve particularly high electrical yields, even on small roof areas.

- The rated power of this NU module is 180 W.

Inverters	SolarMax 2000S	SolarMax 3000S	SolarMax 4200S
PV system power (Wp)	2,300	3,300	5,000
Maximum power (W)	1,800	2,500	3,800
Max. efficiency (%)	97	97	97
Dimensions L x W x H (mm)	185 x 545 x 290	185 x 545 x 290	185 x 545 x 290
Weight (kg)	13	13	15
Type of protection	IP54 (outer housing)	IP54 (outer housing)	IP54 (outer housing)

Installation system

SEN SOL-50



- Technically and visually first-rate.
- High quality materials which are corrosion-resistant (aluminium/stainless steel) meet high demands and guarantee a long life.
- End panels and profile end caps ensure a harmonious frame appearance as well as optimum ventilation and protection against snow.
- The modules easily interlock into the system in a stress-free manner.
- Safe drainage and rear ventilation by means of special horizontal profiles prevent damage to the modules from frost and corrosion.
- Protected cable installation in the horizontal and vertical profiles.



Sharp PV-Kit product portfolio: a selection of sizes and power outputs

	Sharp PV-Kit 1.44 mono	Sharp PV-Kit 2.88 mono	Sharp PV-Kit 3.96 poly
Rated power	1.44 kWp	2.88 kWp	3.96 kWp
Modules	8 x monocrystalline NU-180	16 x monocrystalline NU-180	18 x polycrystalline ND-220
Dimensions	5,290 x 2,130 mm	5,290 x 4,160 mm	9,950 x 3,150 mm

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