



Protect the climate. With a Sharp PV-Kit.



The Sharp PV-Kit iVersion is a photovoltaic complete system for houses or apartment buildings throughout Europe. Sharp offers a suitable PV-Kit for almost every type of roof.

The Sharp PV-Kit iVersion combines the best of two technologies – the technical maturity of an on-roof system with the aesthetic appearance of an in-roof system. The PV modules are integrated directly into the roof cladding of pitched roofs. As

opposed to on-roof systems, Sharp PV-Kits iVersion fit elegantly into the cladding. In the case of old and new buildings, the premium system replaces your rain drainage layer, for example, of pantiles, shingle or brickwork.



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 iVersion is available in different sizes with an output ranging from 1.44 to 3.96 kWp.
- The Sharp PV-Kit iVersion 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-Kits iVersion

- The dark blue or black module surface and the level-compensated roof integration assure an elegant and stylish appearance.
- Installation system, black anodized – for an aesthetic look.
- Double benefit: conventional roof cladding can be saved and clean sun energy is generated on your own house roof.
- Higher yields via optimum back ventilation of modules.
- Toolless, on-roof module installation reduces installation time and increases safety.
- Optimal rain protection.
- Built-in theft protection.

Modules – guarantee

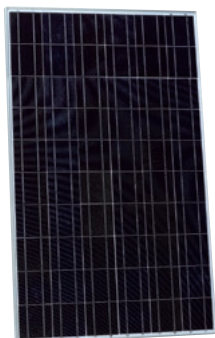
- 5-year product guarantee
- 10-year performance guarantee on a power output of 90%
- 25-year performance guarantee on a power output of 80%

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

Modules

Polycrystalline

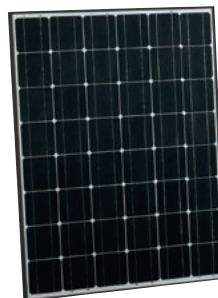
Monocrystalline



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 profiles.



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

	Sharp PV-Kit 1.44i mono	Sharp PV-Kit 2.88i mono	Sharp PV-Kit 3.96i 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	5,743 x 2,582 mm	5,743 x 4,618 mm	10,397 x 3,600 mm

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SHARP

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