



Complete Systems

CS CENTOP smart

The smart solution for your roof

Our complete system CENTOP smart is the ideal solution for all pitched roofs with trapezoidal sheet metal roofing. The combination of our highly efficient Professional solar panels and the lightweight CENTOP smart mounting system allows for maximum yields. The installation of only four components is done quickly and easily in three steps. Rounded out by our Powerstoc Excellent inverter you get an optimally matched complete system CENTOP smart with the quality seal "Made in Germany".

Solar panel: S-Class Professional

The efficient and powerful PV panel

The S-Class Professional was designed for professional use according to the highest standards of quality and has been tailored to specific customer requirements. You get premium quality whilst saving our resources. This allows you to be an environmentally friendly power producer. S-Class Professional panels meet the highest standards and withstand extreme climate conditions: storm, high humidity and extreme temperature fluctuations. In combination with our performance guarantee, product warranty and our positive performance classification, we give you the highest yields far beyond the guaranteed 26 years.



Inverter: Powerstoc[®] Excellent

The fully equipped PV inverter



The most important criteria when selecting a photovoltaic installation are reliability, durability and the cost-benefit ratio. The inverter - the central component of the photovoltaic system - plays a key role here, as it is the fundamental link between the installation and the public grid. With our Powerstoc Excellent inverter series, we provide you with the ideal combination of performance and convenience. With three MPP trackers, the performance of the PV system is optimally used. The integrated DC switch also ensures your security and simplifies your installation. Due to an integrated data logger, the storage and daily availability of your data is ensured.

Mounting System: MS CENTOP smart

The perfect mounting system for pitched trapezoidal sheet metal roofs

MS CENTOP smart is easy to install on any kind of pitched roof with trapezoidal sheet metal roofing. It enables the rapid mounting of framed modules on trapezoidal sheet metal roofs ranging from 0.4 mm and 1.00 mm thickness. It only needs four different components for mounting. Depending on the thickness, two different self-drilling screws are available. EPDM seals ensure absolute storm water tightness.



Your advantages at a glance

S-Class Professional

- Power classes from 240 Wp to 255 Wp
- 60 mono- or polycrystalline cells
- Improved performance due to positive performance classification
- 10 years product warranty
- Award-winning anti-reflective solar glass ensures highest electrical and financial yields
- Bears mechanical loads up to 5400 Pa, and therefore highest wind and snow loads
- Salt spray test acc. IEC 61 701 Ed.2 passed
- Ammonia resistance test acc. IEC 62 716 passed
- 100% PID-free, certified by TÜV Rheinland
- Sustainable high quality panels due to frequent quality checks
- Manufactured in the CENTROSOLAR "Sonnenstromfabrik" in Germany
- Over 15 years experience in producing PV panels
- Produced according to DIN EN ISO 9001:2008 and 14001:2009
- Silver frame
- White backsheet

Powerstoccc[®] Excellent

- 10 years product warranty (optional)
- Integrated data logger
- Cenview Portal (free-to-use)
- Active power control mechanism
- Contact for self-consumption control integrated
- Large variety in power classes to suit your needs
- High efficiency even at low irradiation
- Individual MPP-Tracking
- Optional ArcDetection for PS 7.0 / 8.3 / 10.1
- Optional with GSM or analog modem

MS CENTOP smart

- Low cost but high quality mounting system
- Components improved for perfect shipment
- Fast, easy and safe installation
- Can be used up to snow load zone 3 and wind load zone 4
- Starting up from steel grade S280 GD
- Water tightness is guaranteed
- Minimum width of the raised bead 27mm
- 10 years product warranty
- For roof pitches from 5 to 45 °
- TÜV certification and DiBt Z-14.4-627 is applied

10 years system warranty for your custom PV Complete System

- 10 year product warranty for your panels, the mounting system and your inverter (optional)
- 26 year performance guarantee for your panels:
 - 10 years on 90% of the output
 - 26 years on 80% of the output



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Heavy Snow Load tested
- Ammonia resistance tested
- Salt corrosion resistance tested
- ANSI/UL 1703 listed
- Periodic inspection

