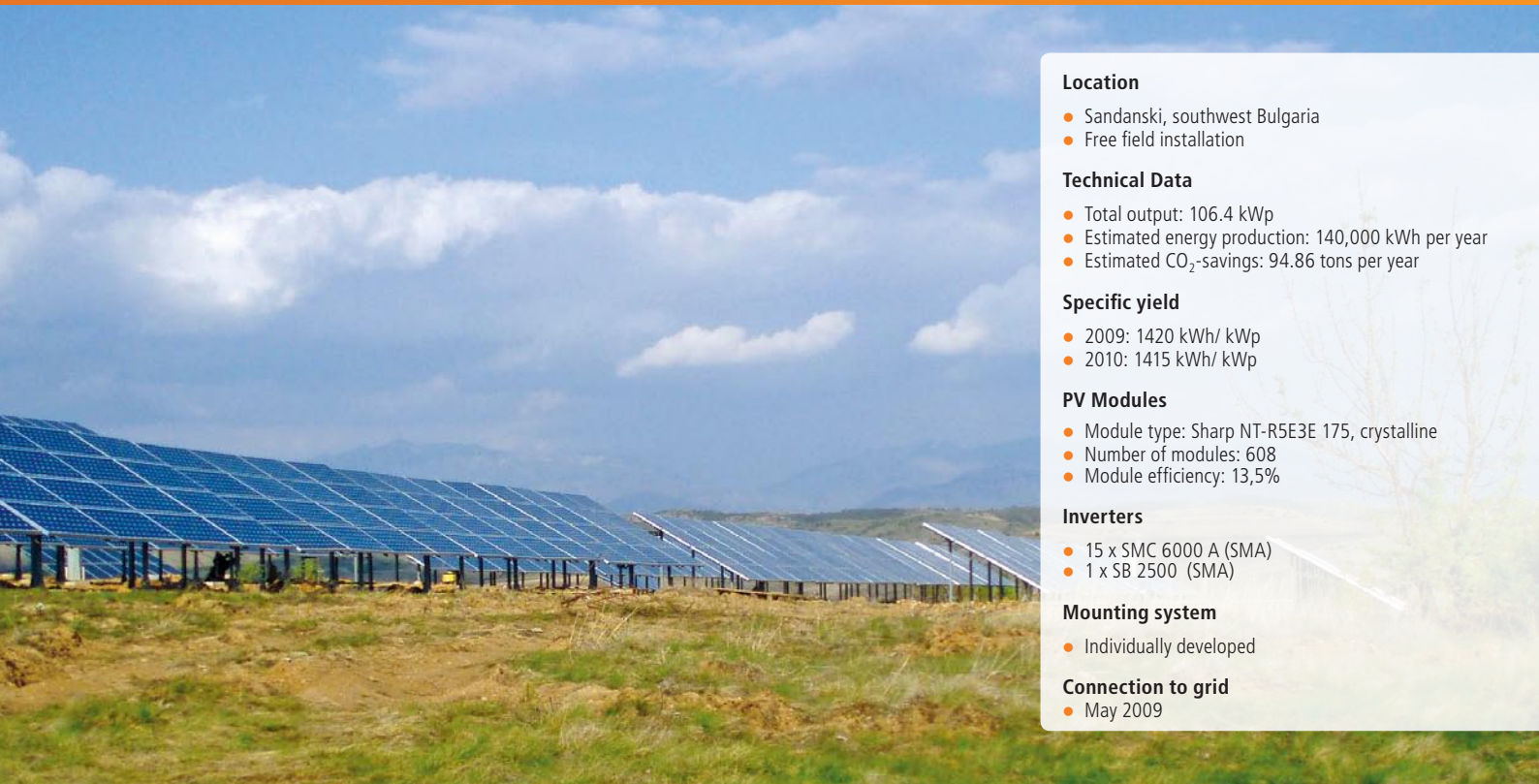


Getting to the heart of quality

- Perfect combination: Carbon neutral energy production surrounded by a fruit orchard
- One of the first installations to successfully finish the entire Bulgarian approval procedure



106 kWp Solar power plant Zornitza (Sandanski, Bulgaria)



Location

- Sandanski, southwest Bulgaria
- Free field installation

Technical Data

- Total output: 106.4 kWp
- Estimated energy production: 140,000 kWh per year
- Estimated CO₂-savings: 94.86 tons per year

Specific yield

- 2009: 1420 kWh/ kWp
- 2010: 1415 kWh/ kWp

PV Modules

- Module type: Sharp NT-R5E3E 175, crystalline
- Number of modules: 608
- Module efficiency: 13,5%

Inverters

- 15 x SMC 6000 A (SMA)
- 1 x SB 2500 (SMA)

Mounting system

- Individually developed

Connection to grid

- May 2009

Unlocking the potential of energy and markets

Hamburg-based SunEnergy Europe GmbH is an internationally active photovoltaic systems provider. The company has already completed numerous European projects acting as EPC contractor. It has many years experience in designing large-scale photovoltaic projects and roof-top systems, and offers a full range of services from planning, to the installation and operation of solar power plants.

As an EPC contractor SunEnergy Europe realizes solar power plants of any size on rooftops or freefields in cooperation with local subcontractors. Thanks to our longstanding experience, our expertise in systems engineering, and our high quality product range we build PV power plants with optimum yields. As our customer you can fully rely on our support for the entire duration of the project and beyond due to our specialized solar monitoring system that ensures security for your investment.