



**MANIFATTURE BELLET S.P.A.**



## Maximum reliability with **Sunny Central 350 and Sunny Central 100**

In Padua, one of the oldest cities in Italy, the trend is towards solar technology. When the textile manufacturer Bellet S.p.A. extended the production, the managing board decided to generate a part of the required electricity from solar energy. With an installed electrical capacity of more than 471 kilowatt peak (kWp) in total, the PV system ranks among the largest in the northeastern Italy. The modules are designed as a roof-top system on the main building as well as a "solar sail" behind the factory building.

The SMA Sunny Central stations used here are the ideal solution for an efficient electricity harvest. Thanks to the finely graduated power classes, the inverters can be optimally adapted to the PV generator. With an annual yield of 570,000 kilowatt hours (kWh), the PV system regularly exceeds all forecasts.

### System size

- 471.12 kWp
- 2,416 modules

### Location

- Padua, Italy
- Planning and realization:  
Scheuten Solar Italy
- Commissioning: 2008

### Annual yield

- 570,000 kWh
- CO<sub>2</sub>-reduction: 400 t

### Inverters

- Sunny Central 350
- Sunny Central 100

**System Manager for Solar Power Stations**