

StecaGrid are top notch

Cooler, more efficient, more durable: Steca's new "Coolcept" inverter topology is now available in all Steca Elektronik devices – with this, StecaGrid 3000 and StecaGrid 3600 reach a peak efficiency of 98.6 % and a European efficiency of 98.2 % putting them among the world leaders in the area of grid-connected inverters in the power classes of up to 100 kW.

For more than 20 years, Steca, based in Memmingen, Germany, with a current staff of 650 persons, has been standing for ideas and innovation in the electronics service sector and as a manufacturer of solar electronics and battery charging systems. Eco-friendly processes during the development, construction, production and distribution stages are a top priority for the company. In France, Steca focuses on established partnerships with local wholesalers in the areas of PV on-grid, PV off-grid and solar thermal.

Steca's innovative "Coolcept" technology is based on symmetric step-down converters with downstream pole-reversing circuits. The use of two separate voltage levels allows for the integration of cost-efficient and readily available stand-



ard components. The new topology based on a single-stage transformerless switching concept allows for maximum performance and highest yields of the system. The overall temperature of the electronic parts remains very low and reduces the need for cooling of the inverter. Operators benefit from enhanced service life through low temperatures and reduced costs.

StecaGrid 3000 and StecaGrid 3600 have a graphical LCD display for visualizing the energy yield values and curves, current performances and operating parameters of the system. Both products can be connected to the StecaGrid Vision display unit, the StecaGrid Monitor, Solar-Log™ and the Meteocontrol WEB'log. These options ensure the operators stay always up-to-date on the performance of their PV system and get notified by e-mail, sms or fax in case problems occur.

StecaGrid 3000 and StecaGrid 3600 will be available on the market by fall 2011.



Many busy hands guarantee continuous innovation at Steca – for over 20 years already.

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