

SOLIVIA CM – THE NEW GENERATION OF MODULAR CENTRAL INVERTERS FROM DELTA

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The year 2010 is the year of SOLIVIA, the new brand of Delta's Solar Inverters. SOLIVIA stands for Solar inverters for versatile and intelligent applications.

The modular inverter systems provide high flexibility for a power output of 77.7 kW, 88.8 kW and 100 kW and is suitable for all commonly used solar modules – also for thin-film and rear-side contact PV modules – as manufacturers require the PV generator to be grounded at the positive or negative pole. The systems consist of 7 to 9 high-efficiency inverter racks, DC disconnectors, system controllers, and a robust cabinet.

Compared to the commercially available central inverters, the SOLIVIA CM series are smaller and therefore more lightweight, so that they can be easily installed even in places with less utility space. Due to the modularity, there is reduced maintenance and total costs for the operator. If any inverter rack fails, a system availability of more than 90% is guaranteed. Highly efficient and reliable, with its intelligent MPP tracking, the SOLIVIA CM 77, CM 88 and CM 100 get maximum performance from your solar modules under all operating conditions. The inverters already start feeding power into the grid at low sun irradiation, so losses are minimized. One unit can be used in more than eight European countries (e.g. DE, FR, ES, IT, PT, GR, CZ, BE) and is easily configured via the display.

The central inverters are fitted with overvoltage protection, heat protection, short-circuit protection and overcurrent protection. Delta's SOLIVIA CM series meet all guidelines regarding safety standards, EMC and national requirements. With the high frequency technology, the electrically isolated inverters achieve peak efficiencies up to 95.6 %. All inverters have an integrated monitoring system from Meteocontrol that allows you to monitor and to record all the different measurement values within a day, week, month or year. The menu navigation via the integrated touch-screen display makes the unit easy to operate. The operator can choose between 5 different languages (DE, GB, ES, FR, IT).

About Delta

Delta Electronics Group

Delta Group is the world's largest provider of switching power supplies and brushless fans, as well as a major source for power management solutions, components, visual displays, industrial automation, networking products, and renewable energy solutions.

Delta grows by 18% annually since 1994. More than 50,000 people work for Delta all over the world in sales, development and production.

Delta Energy Systems (DES)

Delta Energy Systems empowers Telecommunication, Information Technology, Industrial Automation and Medical Applications with reliable and innovative solutions tailored to customers' needs. At Delta Energy Systems we act quickly, initiate future trends and fully understand our customers' needs and future requirements.

PR Contact:

Dominique Lang
Events & PR
Delta Energy Systems (Germany) GmbH
Tscheulinstraße 21
79331 Teningen

Tel +49 (0) 7641 455 230

Fax +49 (0) 7641 455 318

Email: dominique.lang@delta-es.com

[You can find this press release here](#)