

SOLAR POWER

SIRIO CENTRAL STATION



How to increase the overall efficiency of a conversion system and cut installation costs. This objective can be achieved by using a Sirio Central Station (SCS) system with Sirio HV-MT Central inverters connected to a common medium voltage transformer. The devices are installed in concrete stations to prolong their useful life, improve thermal insulation and to provide resistance to atmospheric agents and the most unfavourable environmental conditions.

An integral system for large plants

Sirio Central Station is available in 500kW, 750kW and 1MW versions and is a complete, safe and high-performing "Plug&Play" solution. The modular system, which uses inverters housed in separate stations, each with its own MV/LV transformer, enables the inverters to have a barycentric position within the photovoltaic field to optimize installation.

The logic of having separate stations cuts production losses caused by failures and during ordinary and extraordinary maintenance operations. The stations are built in vibrated reinforced concrete, in accordance with the CEI.0-16 standards currently in force, with the Guide for Connections to the Enel Distribuzione Power Grid Ed. 1 December 2008 and with the Enel DG 2092 Construction Specifications Ed. 1 December 2008. The structures are

Reliable Power