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Country Spain

PRODUCTS OR MACHINERY

ATERSA: All about Solar Energy INTEGRAL SOLUTIONS IN SOLAR ELECTRICITY With nearly 30 years experience and 400 qualified professionals, ATERSA is the pioneer company in Spain within the photovoltaic solar power sector. At present, it is part of a solid Spanish business group, Elecnor, whose activities focus on the power, telecommunications and environment sectors. At their new factory in Almussafes (Valencia) and with future plans for exceeding a production capacity of almost 344 MWp, ATERSA develops, manufactures and commercialises all the components and equipment necessary for the configuration of any electrical solar system, not only for isolated installations but also those that are grid-connected. ATERSA provides engineering that is highly specialized in solar systems. They supply the best integral solutions for national and international projects, offering technology that takes advantage of the renewable and clean energy that the Sun puts at our disposal every day. ATERSA is the only company in the world that manufactures the whole range of equipment needed to configure any electrical solar system: from modules with mono or polycrystalline cells, to all the electronic components for this type of application: including lighting equipment, regulators, inverters, etc. As a manufacturer, ATERSA can develop specific products that are adapted to every client's needs. ATERSA has built its reputation as the leader in the photovoltaic industry thanks to serving numerous supplies and important private and institutional projects in five continents. With a 2009 production capacity of 120 MWp/year, which will be doubled in the short term, and their own and innovative technology, ATERSA is prepared to operate in the most relevant international markets. ATERSA responds to their clients about any query arising from how their facility works and provides integral energy solutions for the most ambitious projects. ATERSA PHOTOVOLTAIC MODULES ATERSA has developed a new "hook" fixing system that is easy to assemble and invisible from the outside. It is designed not to stand proud of the frame and to be compatible with all kinds of applications. The frame support of ATERSA modules is patented and is especially designed for grid connection and integration. INVERTERS TAURO Series: Pure senoidal wave inverters, valid for all kinds of isolated applications. TAURO-BC for batteries with direct application in autonomous facilities. The power scale ranges from 700 to 5,000 W. (Can be extended using a parallel connection kit and be repaired "in situ".) CICLO SERIES Inverters designed to inject the power produced by a photovoltaic generator into a commercial electricity grid. Using state-of-the-art technology and the best quality electronic components optimises facilities. Their long useful life is comparable to that of photovoltaic modules. They have a unique configuration: service and communications in only one device. And only one display that can be placed wherever is most convenient for the user. One of the most efficient inverters with less harmonic distortion on the market. SOLEIL SERIES The SOLEIL inverter is a piece of equipment designed to inject into a commercial power grid a photovoltaic generator produces. The SOLEIL gives a modular solution for grid-connection systems and is suitable for use in industrial environments thanks to its reliability, hardness and high quality. Its design makes it possible to use a very wide range of input voltage from the photovoltaic park, which provides a very flexible configuration and possible expansion in the future. The voltage available ranges from between 10 and 450 KW. CSP-12 JUNCTION BOX A supplement to grid-connection facilities. Designed to centralize parallel series connections at large grid-connection facilities. It provides a safe installation plus information. It gives warnings about anomalies and information about each series. The quality of the components and incident warnings reduce stoppage times and provide a long useful life. CC LIGHTING ATERSA (...) also supplies lighting equipment that lasts for 50,000 h, used for public lighting systems... All equipment is prepared for standard 12 and 24 V voltage. ACCESSORIES ATERSA also has a varied range of products for photovoltaic systems, such as timers, calibrated cells, battery chargers, interconnection cables, accessories for assisting with assemblies, fixing and anchoring systems... R&D ATERSA, faithful to their innovation and development policy, continues to wager for offering their customers better products. The company's R&D department constantly studies any element that can be improved, combining the most ultramodern solar technology with the most resistant components, thus offering a greater degree of profitability and efficiency. TECHNICAL ASSISTANCE DEPARTMENT ATERSA's Technical Assistance Department has a team of highly qualified professionals, specifically trained to solve any incident and provide technical support when faced with any problem that arises from equipment supplied by our Company. This service currently operates exclusively in Spain but in the future, it will also be available worldwide.

Company Profile of **ATERSA - Aplicaciones Técnicas de la Energía, S.L.**

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