



TURNKEY PHOTOVOLTAIC INVERTER STATIONS



COMPACT INTEGRATED PV STATION PROIN EPH 1.6 MW

## Description

Compact integrated turnkey solar photovoltaic station. Precast concrete building with capacity for house Transformation Center and power electronics required to process up to 1.6MW.



## Setting

Transformer	MV Switchgear	LV Swithboard	Inverters
Transformation of LV/MV of 24 kV or 36 kV, 50 or 60 Hz, with liquid or dry insulation, with a winding or two, up to 1.600 kVA. Included ventilation and temperature control unit.	Compact cubicle with integral insulation 24 kV or 36 kV Protection through fuse breaker or automatic. Included the medium voltage bridges to the transformers.	Low Voltage Panels produced with own design and integration in our factory of electrical panels, according to characteristics of inverters and transformers. LV Bridges included between LV Swithboard and transformer and between Swithboard and inverters.	Integration of one or more inverters to a nominal power of 2.000 kVA, depending on the manufacturer. Including level 2 boxes and DC bridges to inverter if needed.
Ventilation	Control and Measurement	Dimensions	ADVANTAGES
Inside temperature control through the implementation of an automatic, variable flow, forced ventilation system, in order to maintain the optimum temperature to achieve maximum performance of the equipment.	Remote control, remote measurement and integrated control.  Design and engineering in own switchboard workshop.	Length: 9.800 mm. Width: 2.500 mm. Height: 2.720mm. Weight Empty: 3.600kg. Weight equipped:43Tn.  (Weights depend on integrated equipments.)	<ul style="list-style-type: none"> <li>- Integrated turnkey solution.</li> <li>- Possibility to start loading at the factory before shipment to park.</li> <li>- Customized image and design.</li> <li>- Monoblock building.</li> <li>- Own switchboard workshop.</li> </ul>