

## UNIVERSIDAD POLITÉCNICA DE QUINTANA ROO, CANCUN, QUINTANA ROO.

/ University



/ Cancun, a place known worldwide for its paradisiacal beaches located in the north of Quintana Roo, place where natives are known to be with people with an exceptional warmth of Mayan descent. A culture that managed to bring together art, architecture, mathematics, astronomy and ecology to live in harmony with their environment.

/ The company Invierte Solar follows the steps of their ancestors, taking advantage of the solar resource, when installing photovoltaic systems. One example is the “Universidad Politécnica de Quintana Roo”, this zone has a Caribbean weather and is essential to have air conditioners in the classrooms, to study. These air conditioners consume a high amount of energy throughout the year, part of this energy is supplied by the 75kWp photovoltaic system powered by 5 inverters, Fronius Symo 15.0-3 208.

/ This is only the pilot project for the first building, which will provide 25% of consumption, avoiding 51.7 tons of CO2 per year. With the energy savings obtained, the project was extended to the rest of the University.



INSTALLATION DATA	
Size of installation (kWp)	75.6 kWp
Module type and area	240 modules of 315W in a plain roof
Inverter	5 Fronius Symo 15.0-3 208
Comissioned	December 30th, 2017
Annual yield	129,274 kWh
CO2 saved/ year	51.7 ton