

², the average annual temperature is 25.2°C, the average wind speed is 2.9 m/s, and the relative humidity reaches 89.3 %RH.

Two types of modules were chosen for this field testing: the N-type TOPCon module, with an average bifaciality of 83.0%, and the N-type BC version of another manufacturer's module, with an average bifaciality of 68.7%. There were 10 of each type of module. The modules were mounted on the roof using a fixed frame ($\approx 20^\circ$), with the lowest point of the module being 0.5 m above the ground, and the ground conditions being concrete. All modules are equipped with high-precision sensors to monitor power generation data in real time to