



The device is designed with modularity and all specifications are standardized. It is easy to assemble with screws and power cables, and the operation process can be completed by local residents themselves. Other external devices are also standardized, such as benches and water dispensers, which can be directly fixed to the column through simple hanging parts to meet flexibility and variability. The design lifespan of the device is about 10 years, and maintenance mainly focuses on the replacement of damaged solar panels and surface rust prevention treatment of steel columns. Reduce maintenance costs in a low tech manner.

