



Solar Support Structures

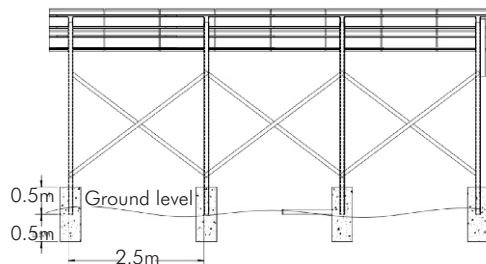
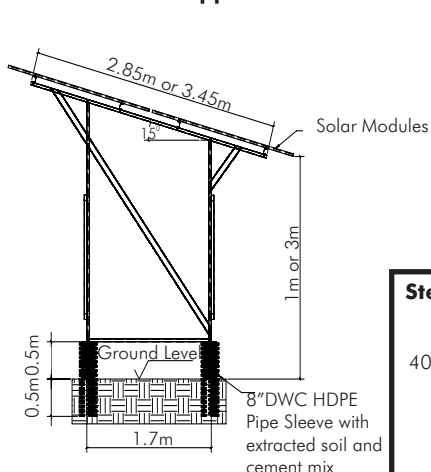


A well designed solar PV support structure is of paramount importance to the long term durability of any solar installation. Structures should be strong and secure and for both ground and roof mount systems be able to endure the substantial forces of the panel weights and high wind speeds.

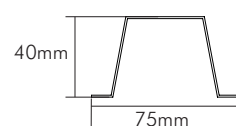
DAYLIFF solar structures are the ideal solution being strong and light weight as well as very affordable, easy to transport, long lasting and require minimal maintenance. The structures are modular in design using only two light gauge steel profiles and provide a very efficient support structure including the PV module support platform, legs and bracing all simply secured with self tapping screws. They are designed to be mounted in 8" light cement filled pipe sleeves and so are very easy to erect. The system is adaptable to suit arrays of any size and is suitable for all roof and ground mount applications. Several standard designs are available for the majority of systems though individual designs are available for special applications. Particular features include:-

- Fabricated using two high tensile grade G550 galvanised steel profiles with silver matte finish that requires no painting. They are corrosion proof, of exceptionally high bending strength and very light.
- Simple and quick installation using easy fixing self drilling, self tapping screws that is especially beneficial in remote sites.
- Supplied in modular pre-assembled sections for ease of transport and installation.
- Ground mount systems are suitable for installation heights up to 3m and can be secured in concrete filled sleeves or foot mounted on flat concrete surfaces.

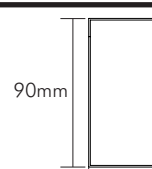
Ground Mount Support Schematic



Steel Section Detail



**PV Module Spars
and Leg Bracing**



Legs and Main Supports

Roof Mount Schematic

