

☑ Trouble-free demolition for new jobsite moving

☑ Quicker construction for PV pavement

☑ PV Shading problem can be fixed by movable bracket

☑ Suitability for very small PV system

☑ Construction cost saving

Packing & transportation information



Per pallet : 12 units

Per 20ft container : 72 units (12units x 6 pallets)

Per 40ft GP container : 168 units (12units x 14 pallets)

Per 40ft HQ container : 196 units (14units x 14 pallets)

SOLAR BRACKET

Self-weighted Watertank



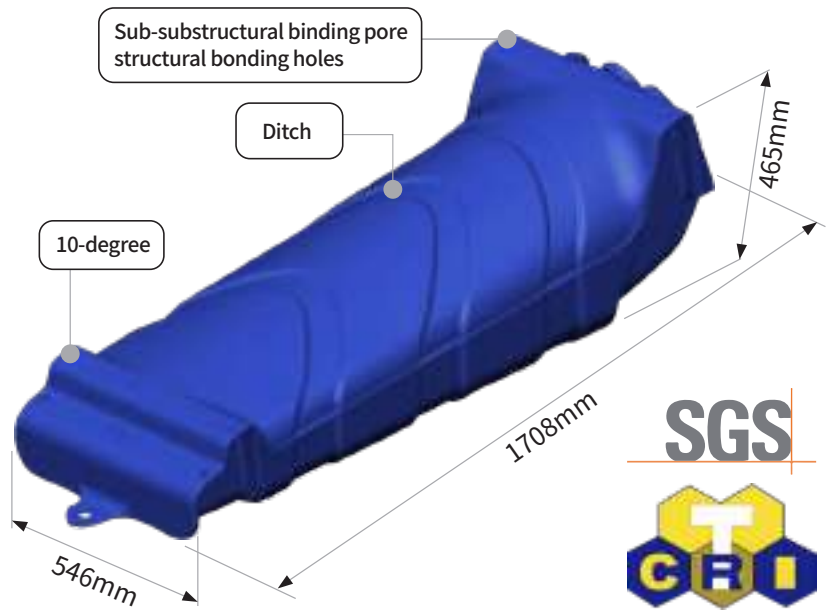
✉ d.mark@hengs.com

☎ +886-6-2022202 🖨 +886-6-2012520

📍 No.168, Yongkehuan Rd., Yongkang Dist., Tainan City 710, Taiwan

PRODUCT INTRODUCTION

The box is made of outdoor weather-resistant plastic material into a hollow container, which can be filled with weight-adding materials, such as water, sand and gravel...etc.; using the modeling design fixing holes, and sub-structural materials using hardware locking, combined with multiple groups of boxes in series to form an array of structural foundation, placed on the flat floor. The material, technology and workmanship are quite new and have been approved by the Construction Technology Examination System (CETES) of the Taiwan Construction Research Institute (TCRI); the box design function has originality and progress... The design function of the box is original and progressive... etc., and has obtained the patent certificate.



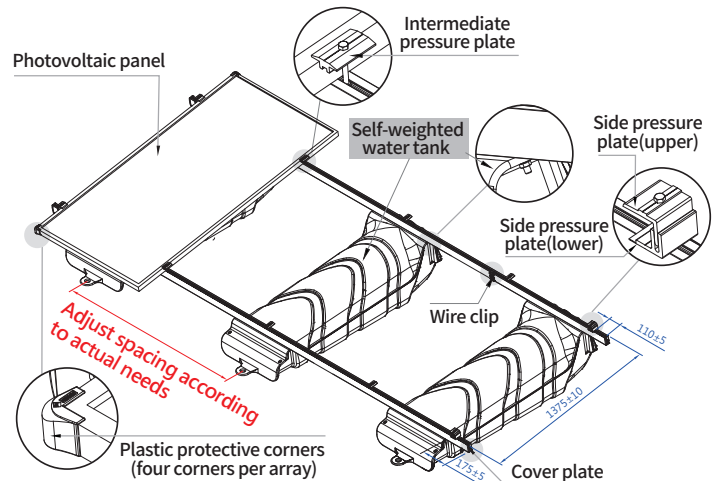
Material	High-density High Density Polyethylene (HDPE)
Weatherproof	Dark Blue + UV
Countermeasure panel angle	10°
Weight	Net Weight : 18kg Full Water level : 220 kg
PV specification	60/72 Cell (For all brands)
Applicable size of PV(mm)	Length (1625-2000)* Width (988-1100)* Height (35-40)

Construction Process



PACKAGE OPTIONS

1. Applicable Solar modules: all types of modules with the length below 2 meters.
2. This set contains: water tank, upper pressure plate, side pressure plate, matching screws, long material.
3. Water tank with water weight:220KG.
4. Packing and transportation mode: Palletted or Container shipping.



Comparison of self-weighting structural foundation method and traditional method



Traditional Structural Foundation Construction Method

When secondary construction of the structural foundation of the roof, it is easy to spend extra costs due to the height-derived construction obstacles or the roof area; the cement maintenance period is up to 30 days, and the system can not be returned to its original form when it is removed at that age.



Self-weighting structure foundation method

It is suitable for manual transportation and light lifting facilities, and can be installed after sample release, without cement maintenance period.

Project	Traditional concrete foundations, supports and commercial modules	Self-weighting box foundation, bracket and drainage module
Engineering Period	Long	Shorter
Engineering manpower	More	Less
Change of seat orientation	No	Yes
Removal feasibility	No	Yes
Durability (years)	25~30	30
Durability Verification	None	With SGS verification
Structural Safety	Structural Technician Visa	Structural Technician Visa
Retirement	No	Yes
Decommissioning Waste	Need to pay the waste management fee	100% Recyclable
Module compatibility of each brand	Customized according to the size of each brand	60/72 cells PV modules without brand limitation