



# Water Ballast Mount Specifications

## Design Overview:

**Measurements:** The unit has dimensions of 280mm in height, 1116mm in length, and 378mm in width.

**Angle of Tilt:** It is designed with a 15-degree tilt for optimal solar exposure.

**Weight Unfilled:** The mount weighs 5kg when empty.

**Weight When Water-Filled:** It reaches 70kg once filled with water.

## Installation Guidelines for Solar Panels:

Solar panels should be set up in a landscape format for optimal fit and efficiency.

The mount supports the use of 4.8m long rails, which can either be utilized as full-length pieces or segmented into 400mm sections. These sections can then be strategically placed across each ballast to secure mid-clamps, end-clamps, and the solar panels themselves.

Opting for 400mm rail pieces involves positioning two segments atop each ballast, both at the upper and lower ends.

This approach can significantly reduce costs associated with using full-length rails.

However, it's important to note that this configuration is merely a recommendation.

The ultimate layout and installation method are at the discretion of the solar panel installer, allowing for flexibility based on specific project needs or preferences.

We recommend using full rails on water ballasts in areas with strong wind speeds such as Cape Town.











