

Abstract

Provided is a planting structure with a solar photovoltaic power generation function which makes it possible to directly and firmly provide a base of a solar cell panel above a rooftop of a building, and to improve flooding of a tray-shaped member.

A planting structure 1 with a solar photovoltaic power generation function includes: a building that includes a building upper part; a planting base 2 that is disposed above an upper surface of the building upper part; and a solar cell panel 11 that includes a base 13 and a leg 12 disposed above the upper surface of the building upper part, and is provided to be inclined at a predetermined angle at a position covering at least a portion of the planting base 2, in which the planting base 2 includes a plurality of tray-shaped members 30 that is disposed to surround the base 13 and retaining water therein, a water receiver 60 that is disposed at a position at which water on the solar cell panel 11 flows down, and a second replenishing member 52 that replenishes water from another adjacent tray-shaped member 30 to the tray-shaped member 30 disposed at a position not directly replenished with water from the water receiver 60.

[Fig. 5]