

YA3200

TN202101

Yalp Solar Green Energy

DESCRIPTION

The Yalp Solar interactives solar post is specifically developed to provide green energy for the Yalp Interactive playsets without preparing and installing a mains power cable. A new way to power. The Yalp Solar is designed to last typical Dutch winters, offering at least 2 hours of play per day. The Yalp Interactive playground equipment can be put in Eco Mode during the winter months to save energy. The Yalp Solar is connected to My Yalp; this is a control and support platform to monitor the battery status and change settings remotely. As a rule of thumb, the Yalp Solar solution applies to areas below 53-degree longitude. A calculation of the energy consumption for a specific project location by Yalp is in all cases advised. These calculations are based on averages and assumptions. No rights can be claimed based on these calculations.

TECHNICAL SPECIFICATIONS

Dimensions Yalp Solar

1 x 1,37 x 4,82 m (L x W x H) (3,29 x 4,48 x 15,81 ft)

Dimensions solar panel

992 x 1650 mm (39 1/16" x 64 15/16")

Dimensions ground surface

600 x 425 mm (1' 11 5/8" x 1' 3 3/4")

MINIMUM REQUIREMENTS

General

Battery: 105 Ah AGM Ess. High-end industrial standard.

Solar: 320 Wp monocrystalline

Stainless steel SS304 construction

Weight: 310 kg / 640 lbs

Design

Yalp Y shape, a hand is supporting the panel towards the Sun. 90° adjustable

Blendmark' design: blends with surroundings but positively stands out

Color to fit the interactive play device. No cables in view

The battery foot is covering constructions & electronics and providing strength to the post.
Accessible for maintenance

IP class

IP class Solar pole IP54

IP class Solar panel junction box IP 67 / IP 68

Remote control

Features of the product can be remotely controlled, e.g., on/ off eco-mode, solar diagnostics, and battery status check.

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Electronic in- and output

Input (max system voltage) 1000 V DC (EIC)

Power output 12 V DC

Electronic parts

Electronic parts are inside a waterproof and dustproof safety box.

Certification

International : IEC 62368-1:2018

Europe : CE

Durability

Weatherproof and suitable for public use in permanently installed outdoor and indoor situations (e.g., playgrounds, public parks, schoolyards, leisure facilities)

Service

The product has an online tool (My Yalp) for remotely managing and servicing the product. It gives the possibility to, amongst others, make settings and check the battery status.

Additional

Max distance to interactive: 6m / 20 ft

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