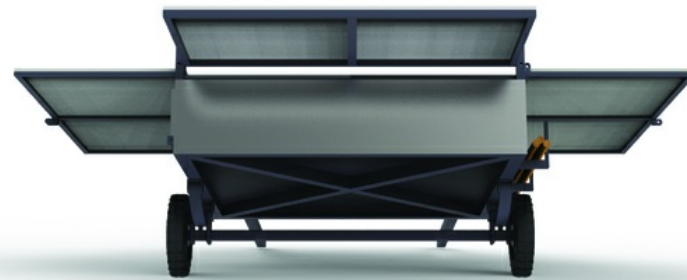


1/2 **Solar Reach - Kenji Eu + Jesse Leeworthy**

Solar Reach is an off-road solar pumping system equipped with the necessities of rural farming.

System Features



Solution

Solar Reach is an off-road solar pumping system equipped with the necessities of farming and irrigation. Its slim design is complemented by its ability to prevent theft and vandalism whilst being able to attach to a horse, cow or even be towed by humans. The trailer boasts its ability to attach a third wheel to the front to allow for refined maneuverability and balance.

The 6 solar panels can be deployed by one person and folded away to protect the panels from extreme weather conditions, vandalism or theft.

The system contains a submersible pump, 4 x Deep cycle 65Ah Batteries (for baseline and additional storage), 6 x 285W Solar panels and boasts a flow rate of 40m<sup>3</sup> per hour.

Unfortunately the Solar panels, pump, batteries etc all have their

toll on the environment. In order to achieve a more environmentally friendly system than the one that is

2/2

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Creative's profile



**JesseLee** PRO

Product Design Engineer

Creative's top 5 skills

Graphic Design, Photography, Product Design, User Experience