

# FlyOnE

## Solar Trailer



Remote, grid independent energy solution.  
Regenerative and self renewing.

### Overview

The FlyOnE Solar trailer is a portable power solution for your remote power requirements.

Originally designed for the remote charging of electric passenger aircraft at sites where no grid supply energy is available, this remote power solution is regenerative, reliable, robust, and renewable.

The design can be adjusted to suit your specific needs for alternate input sources such as wind and trickle charge from the grid, but will renew the stored energy with the built-in highly capable photovoltaic array.



Example, actual trailer may appear slightly different

## Specifications

Power storage capacity:  
10kWh/15kWh/20kWh optional  
Energy Storage medium: LiFePO4 48V Battery  
Estimated recharge cycle capacity:  
6000 (15+ years)  
Photovoltaic capacity: 1kW  
Output connectors:  
2 x 240V 10A general power outlets  
DC 12V, 24V, 48V optional  
Output capacity:  
2000W, 3000W, 4000W optional

Size: 2.8M long, 1.6M wide, 1.6M high (mean)

Tare weight: 352kg

Frame: Hot dipped galvanised 75x50x2.5mm RHS

The standard format solar trailer does not include a fuel powered generator of any kind, though one can be coupled if required.

In the case of deployment for electric aircraft or electric vehicle charging, the solar trailer will also include a storage compartment for the optional charger.

Charge cable (where equipped) from the trailer to the vehicle will be a 10M standard Type 2 electric vehicle charge cable.

Storage cases: Impact resistant weather sealed polyethylene construction with rust-proof fittings.

Format: Towable trailer, fully road registerable