



## TYPHOON-PROOF SOLAR CONTAINER



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Pacific Power Association – October 1st, 2024

# ECOSUN Innovations – since 2015

## Manufacturer of Solar and Battery Containers in France



**200 Units**  
installed across the world



**Shareholder**  
29%

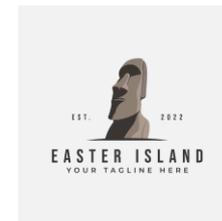


**Few References**

RioTinto

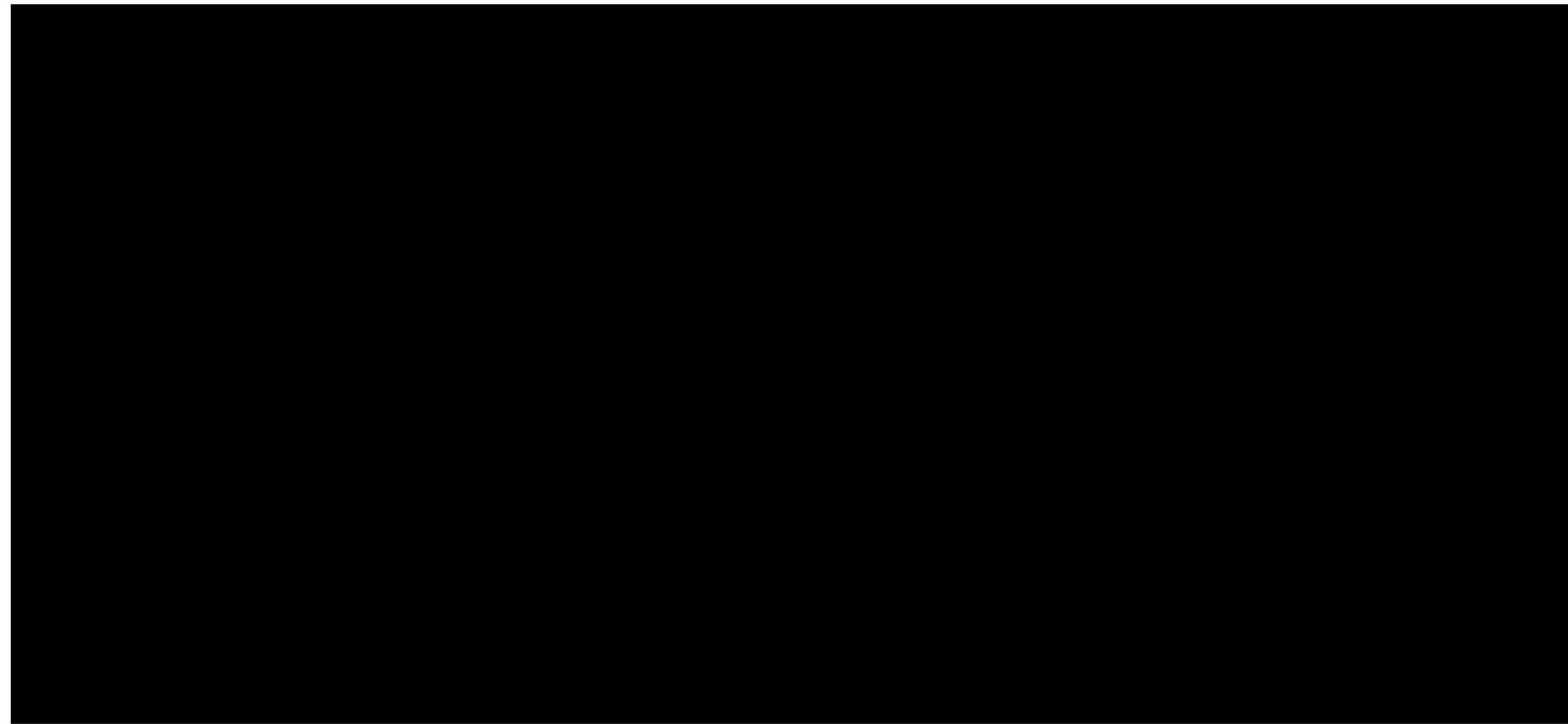


aggreko



# **TYPHOON-PROOF SOLAR CONTAINER**

20ft container Mobil-Grid 500+ Solarfold® 130 kWp



## TYPHOON-PROOF SOLAR CONTAINER

20ft container Mobil-Grid 500+ Solarfold® - 130 kWp



Power

**130 kWp**

Pre-Wired PV Panels and Inverter

**196 (665 Wp) – Inverter 110kVA**

Fast and motorised deployment - length

**Automatic deployment and folding in 26 minutes – 130 m long**

Interconnectable

**With Diesel Generators and/or batteries for off-grid use**

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### BENEFITS

- 1) Typhoon safety** thanks to retractable solar panels
- 2) Mobility** – renewable temporary source of energy
- 3) Mobility** – No need for land acquisition
- 4) Fuel Savings and/or off-grid use**
- 5) No civil engineering**
- 6) Labor savings** thanks to fast deployment and folding

## TYPHOON-PROOF SOLAR CONTAINER

20ft container Mobil-Grid 500+ Solarfold® - 130 kWp

Solar container + Diesel Generators  
**Hybrid Off-Grid System for Fuel Savings**



Solar container + Batteries  
**Autonomous and independent off-grid system**



## ECOSUN INNOVATIONS

Mobil-Grid® Solar container All-In-One – Solar + Batteries



## ECOSUN INNOVATIONS

To what extent saving diesel can be more profitable than you think ?

	<b>Diesel Generators 25 kVA (8 hours a day)</b>	<b>Solar PV + Batteries 30 kWp – 30 kVA – 50,4 kWh</b>
Initial CAPEX - Investment	3000 €	70 000 €
Cost of fuel per year	23 500 €	0 €
Maintenance / year	3000 €	700 €
<b>Total cost over 1 year</b>	<b>29 500 €</b>	<b>70 700 €</b>
<b>Total cost over 4 years</b>	<b>109 000 €</b>	<b>72 800 €</b>
<b>Total cost over 10 years</b>	<b>268 000 €</b>	<b>77 000 €</b>
<b>Total cost over 20 years</b>	<b>533 000 €</b>	<b>87 500 €</b>

# ECOSUN INNOVATIONS

Full range



Mobil-Grid® - Mobil-Grid 500+ Solarfold® - Fix-Watt®  
**Solar Containers**



Trailer-Watt®  
**Solar Trailer**



Frame-Watt®  
**Solar Frame**



Solar Hybrid Box®  
**Battery systems**

## **ECOSUN INNOVATIONS**

What we are looking for during this conference

As a manufacturer, we are working with partners over the 5 continents:

- **Diesel Generators** distributors and rental
- **Solar Engineering-Procurement-Construction (EPC)** company
- **Developers**, to be creative with the scheme (**PPA, leasing...**)
- **Utilities** to decarbonise grids
- We never say no to a small help from **Development Finance Institutions**



**Thank you and come visit the booth 35 for more information !**

**Florent DUTHOIT**  
Asia Pacific Sales Manager

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