



TYPHOON-PROOF SOLAR CONTAINER



Florent DUTHOIT
Asia Pacific Sales Manager
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%

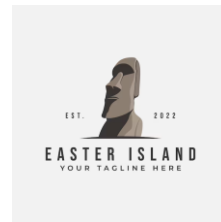


Few References

RioTinto

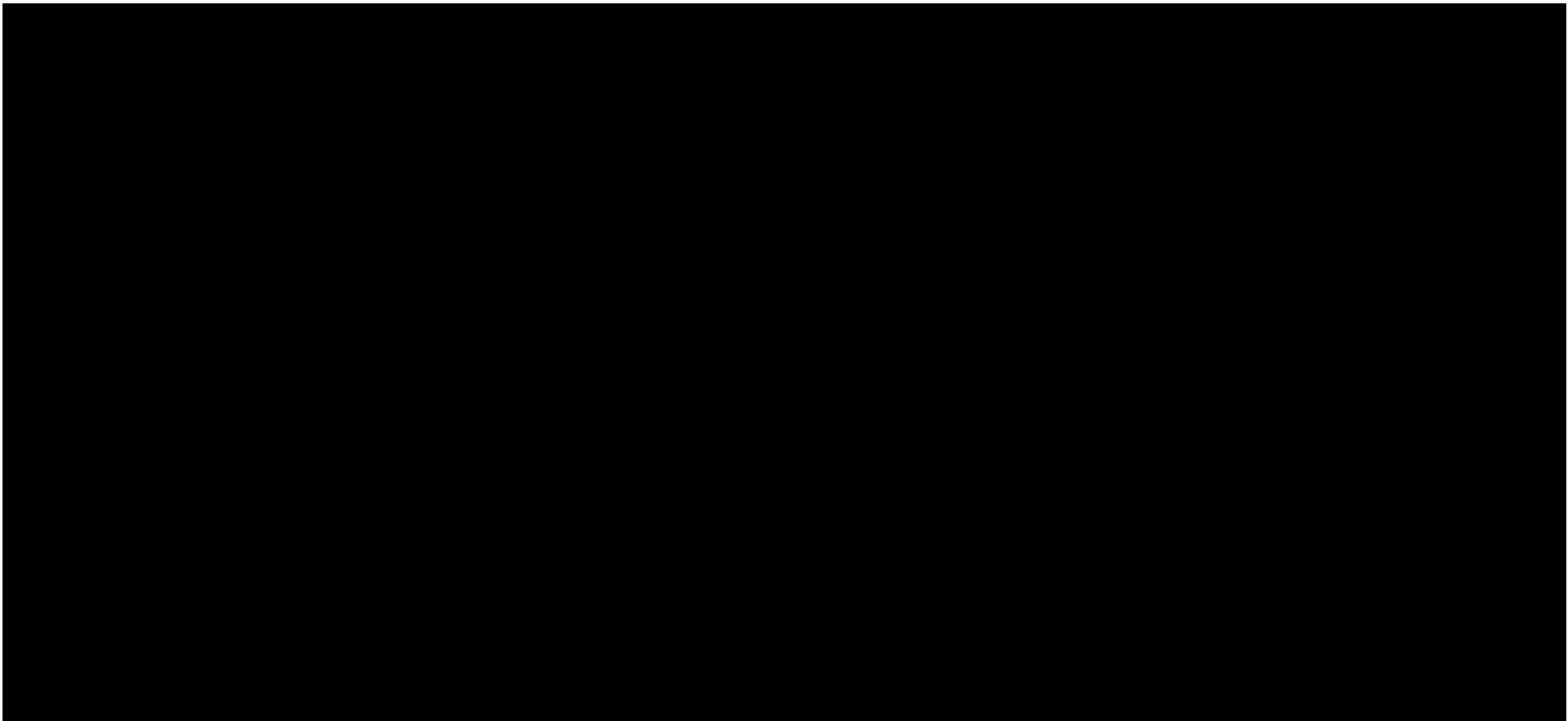


aggreko



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



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



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

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

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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

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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

f.duthoit@ecosuninnovations.com

+62 819 07 66 77 14 (Indonesia – WhatsApp)

+33 6 07 66 77 14 (France)

www.ecosuninnovations.com