

## PIENAAR ENERGY (PTY) LTD

# 80kWh Solar Container for Marine Use



**Efficient  
Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPP Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High Power Modules



**Intelligent  
Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection



**Flexible  
Abundant Configuration**

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc-fault is detected the inverter immediately stops operation

## 80kWh Solar Container for Marine Use

---



### 20ft Mobile Solar Power Container 80KW , Balanced Energy for ...

The 20ft Mobile Solar Container by HighJoule offers 80KW of solar power using high-efficiency 480W modules. With an industrial-grade build, it's an excellent choice for mid-sized, scalable off-grid or ...

[Get Price](#)

---

### Aquarius Marine Solar Power

A marine or ship solar power solution from Eco Marine Power (EMP) is an integrated class-accepted system that may include a marine computer, battery chargers, batteries, marine-grade solar panels ...



[Get Price](#)

---



### Solar Panels for Shipping Containers

Upgrade your shipping container home or office with a solar power kit and make the transition to off the grid living effortless! This system is designed to easily connect all your essential appliances (air ...

[Get Price](#)

---

## Shipping Container Solar Systems in Remote Locations: An Overview

Shipping container solar systems are transforming the way remote projects are powered. These innovative setups offer a sustainable, cost-effective solution for locations without access to

...

[Get Price](#)



## 80kWh Mobile Energy Storage Container for Ships

Welcome to our dedicated page for 80kWh Mobile Energy Storage Container for Ships! Here, we provide comprehensive information about large-scale photovoltaic solutions including utility-scale ...

[Get Price](#)

## Shipping Containers for Power Generation & Energy Storage

Convert shipping containers into mobile power stations equipped with generators or solar panels. These can be deployed to remote areas or disaster-stricken regions to provide temporary power solutions. ...

[Get Price](#)



## Mobil Grid® solar container



The Mobil-Grid ® is an ISO-standard, CSC-approved maritime container that integrates a photovoltaic power plant, ready to be deployed and connected, with integrated control cell and batteries.

[Get Price](#)

---

## Solar Container Specifications , Mobile Solar Systems , Sunmaygo

Get detailed specs and pricing for Sunmaygo's solar containers. Compare models, battery options, and calculate ROI. Find the best mobile solar power system for your needs.

[Get Price](#)



---

## Solar Powered Shipping Containers

OkSolar Transforms Shipping Containers into a Solar-Powered Modular units of Power AnyWhere Any Time®. Our Kits are custom made based on 3D Architect drawings, GPS data positioning, Grid ...

[Get Price](#)

---

## 80kWh photovoltaic container used at port terminals in the China ...

This article aims to explore the role of solar energy in sustainable shipping and ports, discussing its benefits, integration in port infrastructure, collaboration and partnerships,

[Get Price](#)



---

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.pienaarshof.co.za>

