



W. GIERTSEN ENERGY SOLUTIONS

giertsenenergy.com

SOLAR COLD ROOM

A SOLAR COLD STORAGE SOLUTION FOR ALL INDUSTRIES

Global Vision

W. Giertsen Energy Solutions' (WGES) vision is to enrich and enhance the lives of the people and communities in which we operate by providing the highest quality renewable energy solutions at an affordable price.

About WGES

W. Giertsen Energy Solutions is part of the W. Giertsen Group, which was founded in Bergen, Norway in 1875. Our key product areas include Solar Energy Solutions and Solar Energy Products.

Benefits & Features

- Applicable for civil, humanitarian, agriculture
- Functioning in extreme outside temperatures
- Weather resistant, interior and exterior use
- Short payback period
- Provision of night cooling power
- 1-day assembly at site
- Designed and developed in Europe
- Installable in 20' and 40' container as cooling for outlet units



The Opportunity

Unreliable public grids and/or expensive diesel generators can contribute to product loss and a consumption of financial resources, resulting in an overall reduction in business profitability.

The Solution

WGES has developed a solar cold storage solution. This product is grid independent, mobile, and supplies a reliable cooling temperature.

Providing 24/7 cooling for fruits, vegetables, meat, fish, beverages and pharmaceuticals

Please contact Ndkay Zambia for more information: info@ndkayzambia.com +260 211 843 307



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Key Technical Details

Operating Temperature	Up to 43°C (standard, higher temperature optional))
Indoor Adjustable Temperature	-5°C to +15°C
Dimensions (L x W x H) Outside dimension Indoor dimension Door dimension	5300 x 2200 x 2200 mm 5100 x 2000 x 2000 mm 1800 x 800 mm
Product Weight	900 kg (est.)
Volume	Total interior volume approx.20 m ³
Electrical Characteristics	Off-grid solar powered unit Switch to external power source (option)
Panel Material	100 mm PUR sandwich

Interior Fittings	<ul style="list-style-type: none"> * Locked-in personal button * Trapped personal alarm * Interior lighting. door contact * Anti-slip floor * Floor drainage to facilitate cleaning * Lockable
Options	<ul style="list-style-type: none"> * Temperature alarm with temperature reorder * Removable aluminium access ramp 1200 x 1100mm * Strip curtains * Emergency power generator
Packaging	6 pieces per 40' high container
Pay Period	Short payback time
Assembly	Shipped in elements

CHILLING WITH THE SUN...

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