



Solar mobile power stations & in-field solutions

Deployable in minutes and built for the
harshest conditions on Earth

POWERED BY

**SUMAN
AFRICA**





WHEN **DISASTER** STRIKES, THE FIRST THING TO FAIL IS **POWER.**

When floods hit, conflicts ignite, or disease outbreaks spread, the world's best medical teams, relief workers and disaster coordinators move fast.

They bring medicine, equipment and expertise, along with everything they can carry.

What they can't bring is the grid.



In the field, power is exactly what isn't there. Medicines that need refrigeration spoil. Surgical equipment fails. Satellite communications go dark. Laboratories stop functioning and the coordination centres that keep people alive lose the ability to coordinate.

Generators have been the standard answer for decades. They're also fuel-dependent, logistically complex, prone to failure in extreme heat, dust and humidity, and a target in active conflict zones.

There has to be a better way to keep the lights on.

POWERED BY

**SUNMAN
AFRICA**



SOLAR POWER FOR THE **FIELD.**

Lighter, tougher and more efficient than conventional glass panels means more power with less hassle.

Sunman's flexible, glass-free solar panels were designed for exactly the environments where conventional panels fail.

They've been deployed across marine environments, industrial facilities and remote installations across 40+ countries for over nine years, with **zero product failures and zero returns.**

THE **SUNMAN** DIFFERENCE

100% Robotically manufactured

100% Glass free

100% Recyclable

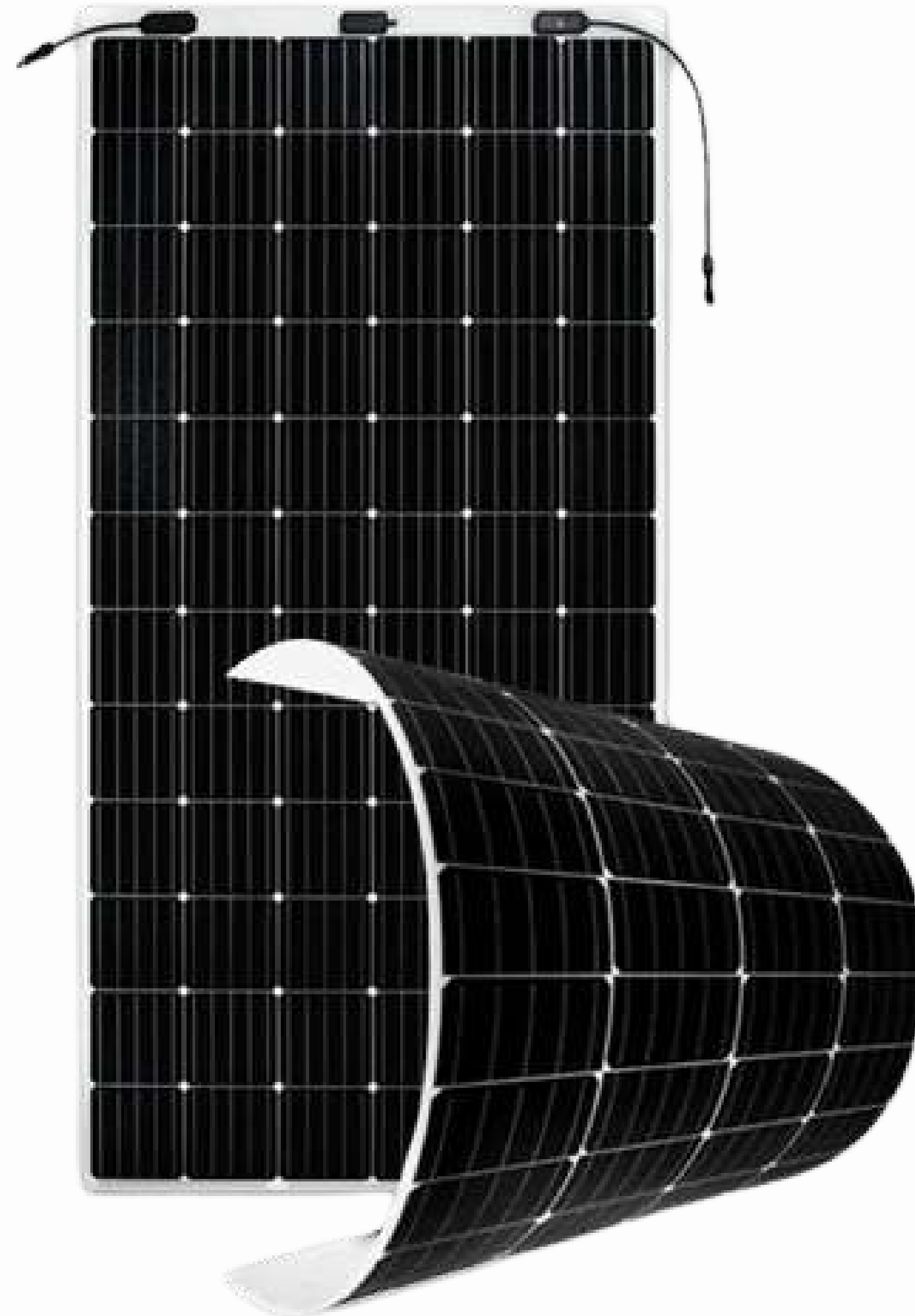
70% Less carbon footprint to produce

60% Less transport costs

Flexible up to 248°

25+ year lifespan

Level 8 Corrosion test resistant



THREE MODELS. ONE PURPOSE: **STAY ON.**



MINI R-01
R365,000

For teams that need reliable mobile power without the footprint. Tow-anywhere, easy to deploy, and right-sized for light to medium power requirements.

Best for: Communications equipment, lighting, device charging, small medical appliances, power tools and batter recharging



MIDI R-02
R510,000

Built for sustained, high-demand field ops for uninterrupted power with max generation payload & battery storage capacity.

Best for: Medical equipment, vaccine and medicine refrigeration, field laboratories, satellite communications hubs, disaster coordination centres



MAXI R-03
R975,000

Full solar capability of 9 Sunman panels with a fully enclosed, 100% customisable internal workspace.

Best for: Mobile medical facilities, field laboratories, mobile command units, humanitarian headquarters in remote environments and 24-hour security stations

ONE TRAILER. ALL OPERATIONS.



Surgical & medical equipment

Stable, clean power for life-critical devices. No generator noise, no voltage spikes.



Field laboratory

Steady, sustained power for diagnostic, testing and analysis equipment in remote environments.



Satellite communications

Keep coordination centres and relay hubs connected when terrestrial infrastructure is down.



Vaccine & medicine cold chain

Keep refrigerated medicines at temperature for 72+ hours on battery storage alone.



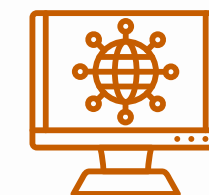
Water purification systems

Power filtration and treatment units where clean water supply has been compromised.



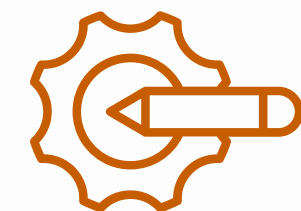
Field lighting

Exterior work lights and internal illumination for night operations, surgical procedures and field security.



Computing & communications

Laptops, routers, radios and charging infrastructure for full field connectivity.



Custom interior (MAXI R-03)

Configure the Maxi's interior for any application - mobile clinic, command unit, testing laboratory, pharmaceutical storage, or a combination of all four.

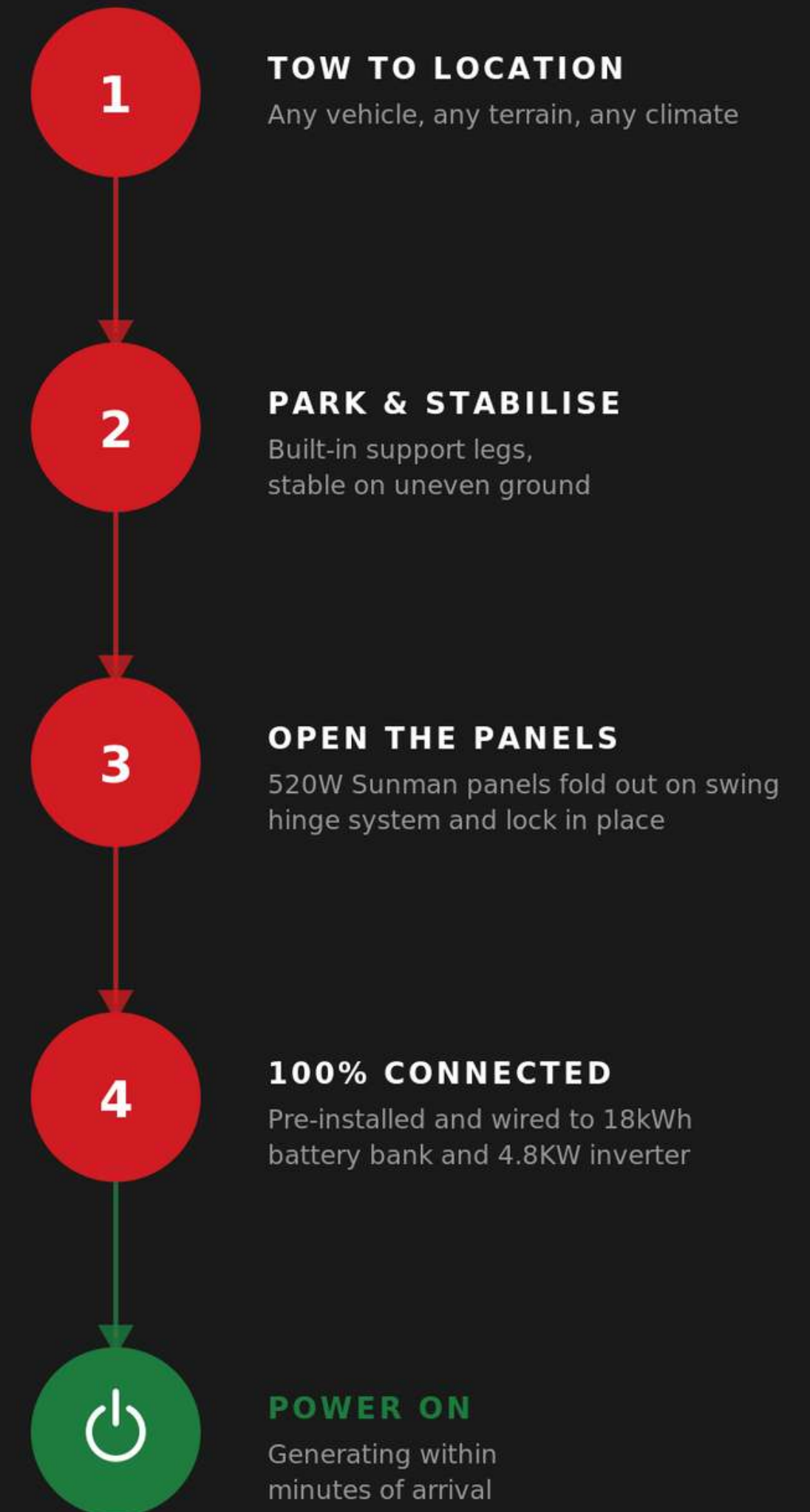


DEPLOYED & GENERATING IN MINUTES.

In active field operations, lengthy setup time can cost lives.

The Rollout Mobile Power trailer was designed to be as fast to deploy as the teams that use it. **Set up in minutes: trailer is wired and ready to go.**
Simply park and unfold the panels.

- **No specialist installation required:** any field team member can deploy
- **No tools required:** all panels, battery and inverter systems are secured with quick release clips
- **Panels pre-mounted on trailer frame:** no assembly in the field
- **Rear entry steps built in (MAXI R-03):** immediate access to internal workspace on arrival
- **Side awnings (MAXI R-03)** provide shaded working area during deployment





Key figures

MINI R-01 specifications:

Solar generation. 1.56kW

Battery storage. 2.4kWh

Inverter output. 2.4KVA

Panel count. 3 × 520W flexible panels

Key figures

MIDI R-02 & MAXI R-03 specifications:

Solar generation. 4.68kW continuous

Battery storage. 18kWh

Inverter output. 4.8KVA

Panel count. 9 × 520W Sunman flexible

FAQs

Panel weight. 8.6kg each

Setup time. Under 5 minutes

Manufacturing lead time. 3 weeks

Shipping time 1 - 2 weeks

Total delivery time 5 weeks from order

Panel warranty. 25 year linear
production warranty

MINI R-01. R365,000

MIDI R-02. R510,000

MAXI R-03. R975,000

Order yours today!

Payment terms: 70% deposit on order /
30% balance on completion of
manufacturing & ready for shipping

All prices ex VAT and delivery



POWER YOU CAN PLAN AROUND.



OUR PARTNERS

The people and
organisations making
this happen.



Kevin Knight
Sunman Africa CEO

9+ years of real-world Sunman
deployment in demanding
marine environments, zero
failures, zero returns



Liam Beckett
**Sunman Africa Business Development
Director**

Africa-focused commercial operator with
16+ years experience & deep networks
across multiple industry sectors



Sunman Energy (Manufacturer)

Singaporean-Australian
company with a 260-acre fully
automated gigafactory in
China. 1.2GW deployed
across 40+ countries.
Series D funded. 100+ patents



Bush Wolf

NSouth African trailer
manufacturer with 30+
years experience in
building trailers for
rough terrains and
harsh environments.



Off Grid South Africa

South Africa distributor &
supplier of high quality
technical equipment,
offering unrivalled
availability of technologies
for multiple applications

The chassis, suspension, tyres, body construction and surface finishes were all chosen for one environment: the harshest terrain, temperatures and operating conditions on earth.

Hardware spec highlights

- ## Hardware spec highlights
- ✓ **Off-road wheels and tyres:** 16", 7.50x16 off-road specification (Land Cruiser 70 Series compatible for parts availability in the field)
 - ✓ **Raised spring suspension:** 950kg springs rated for rough, ungraded terrain
 - ✓ **Hardened steel chassis:** 76x38 channel construction
 - ✓ **Stainless steel body:** 3CR12 stainless steel with aluminium lid, powder coated exterior, stone chip interior finish
 - ✓ **Jerry can holders:** built directly into the trailer
 - ✓ **Rear-mounted spare wheel:** always accessible
 - ✓ **Cyclone pre-filter air intake:** prevents dust ingress in extreme arid environments
 - ✓ **Lockable tailgate & side doors:** field security





ORDER YOUR ROLLOUT

All models of the Rollout Mobile Power Trailers are available to order today.

Each unit can be custom-built to your operational requirements: interior configuration, accessory pack, and application are all specifiable at the point of order.

From order placement to field deployment: 5 weeks.

How to order:

- **Select your model:** MINI R-01 / MIDI R-02 / MAXI R-03
- **Specify interior layout and optional accessories**
- **70% deposit** confirms manufacturing
- **3-week manufacturing + 1–2 weeks shipping**
- **30% balance** on completion
- **Unit delivered, tested and field-ready**



Optional accessories to order:

- **Snow Master 36-litre fridge for medicine storage** R7,000
- **12 × Ammo cases for medicine transport (spillage/breakage protected)** R18,500
- **200W foldable Sunman portable panel (storable inside trailer)** R6,000
- **600W Flexo Power portable inverter and battery** R3,750
- **Twin exterior work lights** R2,150
- **LED torch lights** R1,350



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