



an EnerSys Company

Solar Cell on Wheels

Rapid Deployment Solutions

Solar Cell on Wheels

The Solar Cell on Wheels (SCOW) is purpose built for 'Off-Grid' remote communications. It is essentially a portable telecommunications centre with a fold out Solar Power Panel System capable of supporting 12 PV panels.

Designed to be packed up and easily transported by a heavy duty 4WD vehicle or light truck, these portable mobile base stations provide temporary coverage using radio transmission.

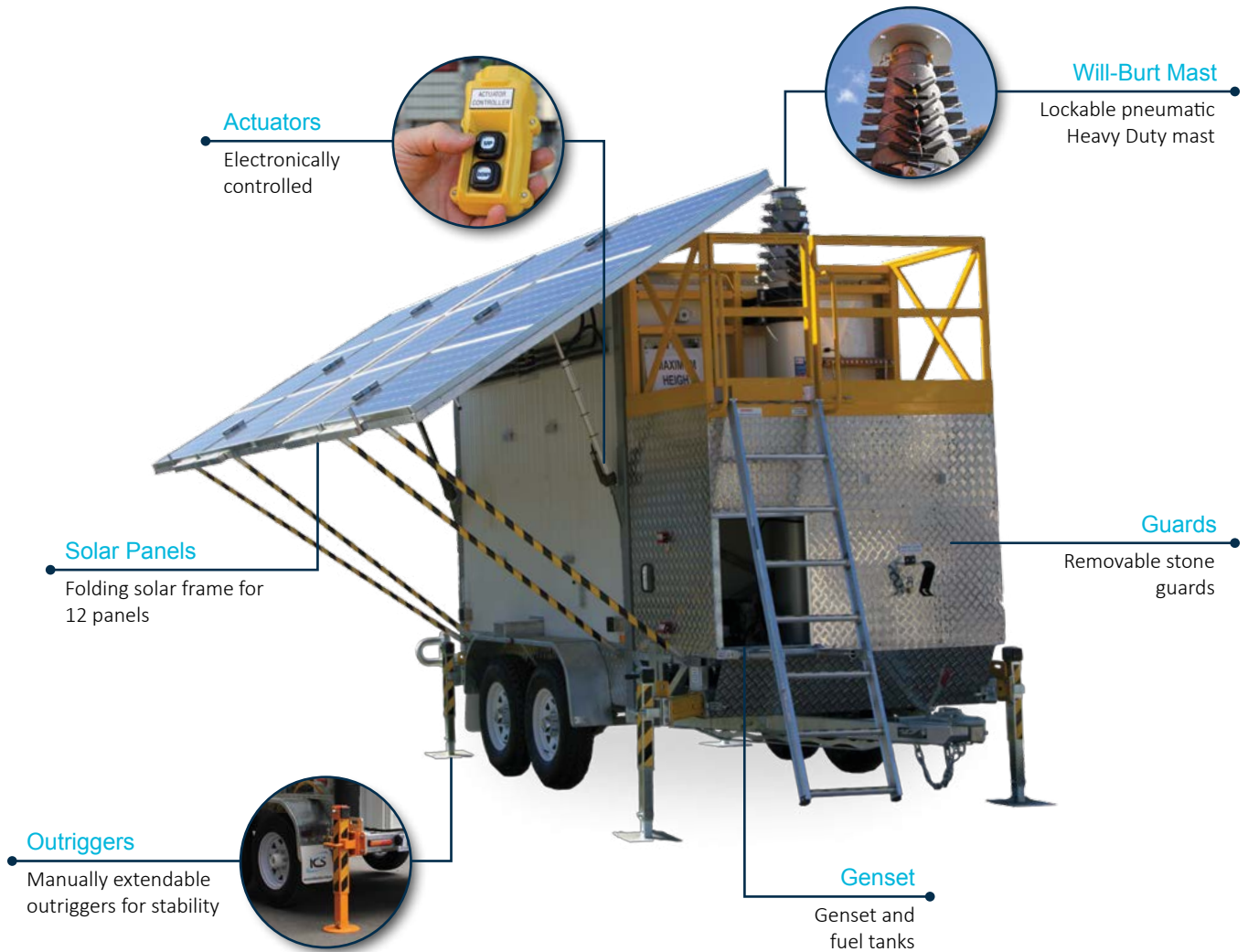
A SCOW can be deployed in a matter of 24 hours and restore communications after a major disaster or even provide increased capacity to special events.

Key Features

- ✓ Road registrable trailer
- ✓ Fully engineered trailer base frame, twin axle
- ✓ Equipment enclosure AC or DC air conditioned
- ✓ Heavy duty lockable pneumatic mast up to 18.5 metres
- ✓ Electronic and emergency braking system
- ✓ Folding solar frame for 12 panels
- ✓ On-board generator with up to 7 day fuel tank
- ✓ Internal temperature management system (PLC) with alarms and generator (Auto start function)



Typical Solar Cell on Wheels



Common Variations

- Passive cooled equipment enclosure
- DC generator
- 140 litre fuel tank
- ATS - Automatic Transfer Switch
- Super Heavy Duty Mast
- Air Bag suspension or independant suspension
- 'Off road' trailer hitch for safe towing on unsealed roads
- Anchor & guy kits
- Solar skid power packs
- AC & DC Air Conditioning
- Backup genset to support solar arrangement, in either 48V DC or 240V AC
- Ring hitch
- Mine standard vehicle identification and Class 1 reflective markers

Custom design and construction available, please contact ICS Industries for more information.

Additional Services and Support

Our Engineering Services and Field Services Divisions can provide total care and deployment services for your Rapid Deployment fleet including:

- Site design, civil & electrical engineering
- Deployment, integration and decommissioning services
- Fleet management, including warehousing and logistics
- Planned & emergency services, maintenance & upgrade works

At ICS, we undertake a consultative approach towards your project. Whether you require one or all of our services offered, we can provide you with cost effective solutions to deliver consistent results.

Contact us today



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HEAD OFFICE

309 Settlement Road, Thomastown VIC 3074

BRANCH OFFICES

46 Egerton Street, Silverwater NSW 2128

28 Duntroon Street, Brendale QLD 4500

3 Sandra Place, Welshpool WA 6106

16 Adam Street, Hindmarsh SA 5007

PH 1800 010 027

EMAIL ics@icsindustries.com.au

WEB www.icsindustries.com.au

