

# Solar Barriers

Innovative solar-powered barriers for Highways, Transportation, Construction & Events



## INSTABOOM

The innovative INSTABOOM barrier is solar hybrid powered, completely mobile, fully HSE compliant and UKCA marked. For use on all highway, transportation and construction projects INSTABOOM comes with remote telematics as standard and UK wide managed service.

**INSTANT** – Deployed by one person in seconds

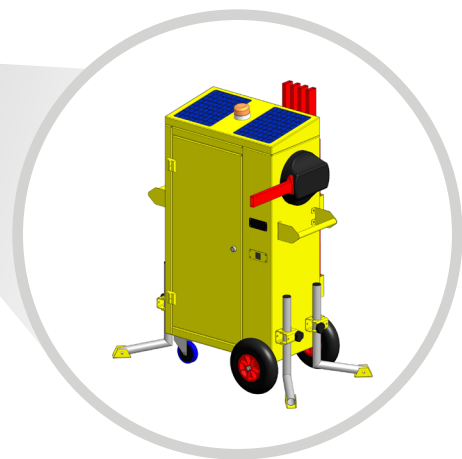
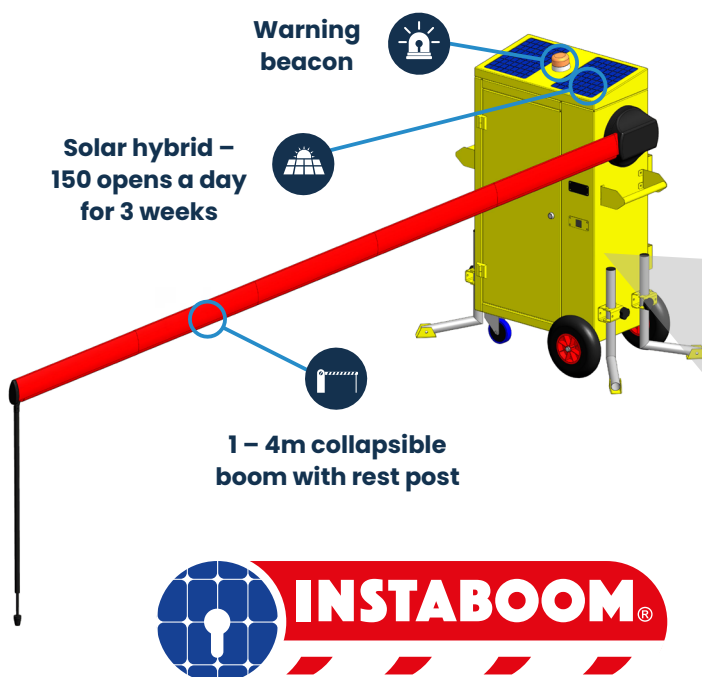
**SIMPLE** – 800m radio fob and quick collapse boom

**CLOSURES** – Instant road closure for construction and highways

Combined with the GS6 height detection kit, INSTABOOM also provides a unique way to protect from overhead strikes in work zones – raising the bar on site safety.

### Why INSTABOOM?

- ✓ Fully mobile telematics app for battery monitoring, up/down status, email alerts & daily reports
- ✓ 1 – 4m collapsible boom with rest post
- ✓ 800m rugged radio remote control or app control
- ✓ Anti-contact safety beam
- ✓ Warning beacon
- ✓ Solar hybrid – 150 opens a day for 3 weeks
- ✓ 110v top-up, 3 week power store
- ✓ Compact, 85 × 55cm, rolling chassis
- ✓ Weight 150kg, height 1.5m (no boom)

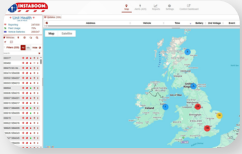




DATA SHEET

## INSTABOOM Barrier System

### Optional accessories



#### Telematics and instant alerts

Tracker module licence – per annum.



#### Light Kit

High visibility Red/ Green light accessory kit to protect your work site from unauthorised access.



#### GS6 over-height protection

Solar hybrid portable laser detection unit that identifies any over height vehicle up to 3m away, from the barrier triggering INSTABOOM to close in front of the vehicle and securing the lane from overhead strikes.



#### Long Range Fob

up to 800 metre range



For use on all highway, transportation and construction projects INSTABOOM comes with remote telematics as standard and UK wide managed service.

\* All hire products include fully managed service, proactive battery monitoring, functional operation and site repair/replacement. Excludes accidental malicious damage or physical battery exchange.

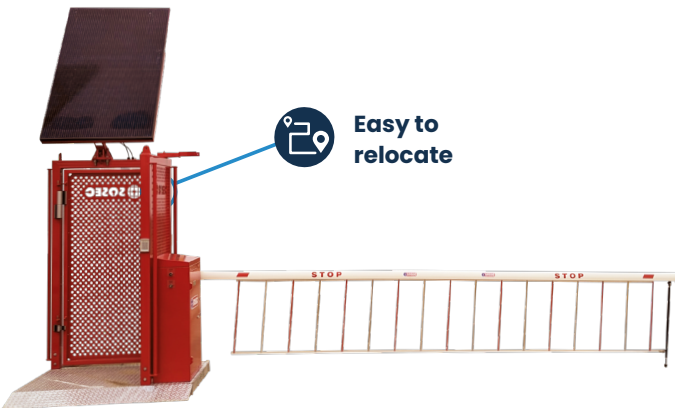
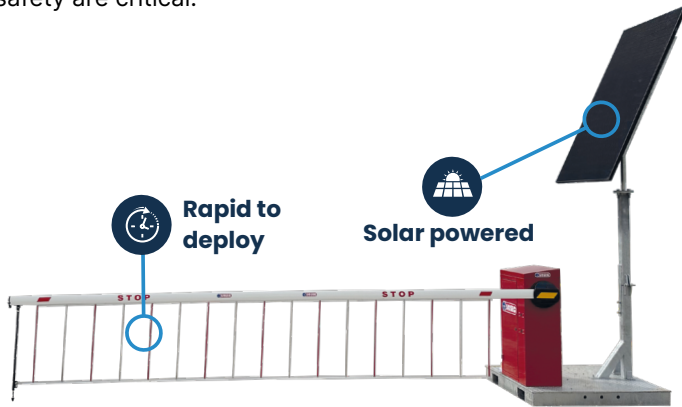


# SOSEC

## Secure access control without digging or diesel.

Whether you're managing site access for highways, utilities, events, or remote infrastructure, SOSEC solar barriers provide a sustainable and secure solution with zero trenching or cabling required.

SOSEC units are fully self-contained, solar powered, and can be installed in under an hour. They're ideal for locations without mains power and perfect where speed, flexibility, and safety are critical.



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### Why SOSEC?

- ✓ **Fast installation** - no groundworks or grid connection required
- ✓ **Solar powered** - sustainable, silent, and zero emissions
- ✓ **Reliable & robust** - proven in all weather, year-round
- ✓ **Safe & secure** - deters unauthorised access, protects the public
- ✓ **Flexible** - easily relocated as your site evolves
- ✓ **Smart options** - compatible with ANPR, fobs, tokens, keypads, and more





# SOSEC 100

A compact, single-lane barrier with solar power, battery storage, and built-in control system. Quick to deploy and simple to operate, it's ideal for temporary or short-term site access control.



# SOSEC 200

A robust, twin-barrier system with solar power and dual access control offering vehicle and pedestrian separation. Often used in more complex or longer-term deployments, it delivers an enhanced security and safety setup.

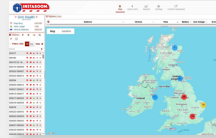


## Optional accessories



### GS6 over-height protection

Solar hybrid portable laser detection unit that identifies any over height vehicle up to 3m away, from the barrier triggering SOSEC to close in front of the vehicle and securing the lane from overhead strikes.



### Telematics and instant alerts

Tracker module licence – per annum.



### Keycode

Wireless / Fixed



### GSM Intercom + SIM

Intercom to any phone



### ANPR Camera

Auto open for known vehicles



### Long Range Fob

up to 800 metre range

**Discover More**



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