



CS-400 SOLAR PORTABLE TRAFFIC SIGNAL SYSTEM

The CS-400 Solar Portable Traffic Signal System brings to life a new generation of portable traffic light controllers. Whilst it purposely retains many of the features of its predecessor (CS-200) for familiarity and ease of use, the CS-400 also delivers an impressive list of new features that are 25 years in the making.

Portable Traffic Signals are used where temporary control of vehicular traffic is required, such as at road or bridge works. It provides two main forms of control via shuttle control and plant-crossing control.

The equipment is comprised of a CS-400 unit mounted in a trailer that is capable of being split, with each unit being positioned separately on the work site. The dual-trailer system allows the trailers to be connected together so that it can be towed as one individual unit. This capability allows the system to be towed to the job site using one vehicle.



The Portable Traffic Signals are capable of operating under manual or automatic control and each separate unit is fully self-contained and powered by battery with a solar charging system.

The fully lockable steel enclosure protects the controller and batteries from the elements and vandalism.

Optional Extras

- Vehicle Detectors (2)
- 240V Battery Chargers (2)
- TRH-4 Wireless Remote (Unlimited number of units can be added into a system)
- MC-400 Wired Remote w 25m lead
- GPS Location and Phone Reporting (Remote monitoring direct from your mobile phone)
- RP1 Repeater

THE EQUIPMENT YOU NEED – THE SERVICE YOU EXPECT

SPECIFICATION

TRAILER	SOLAR TRAILER	SOLAR TRAILER WITH SIGN FRAME
Length (Overall)	4700mm	4900mm
Width (Overall)	1750mm	
Height (Travel Position)	1600mm	
Height (Operating Position)	2940mm	
Combined Gross Weight	1200kg	1260kg
Finish	Polyester Powder Coat	
Wheels, Tyres	175/75R14	
Coupling	50mm Quick Release Ring Coupling – Optional Extra	
Tail Lights	Dual Voltage LED	
LANTERN – Meets AS 2144:2002 Traffic Signal Lanterns		
Lantern	12V 200mm, 3 Aspect LED	
Max. Lamp Drive Current	>2.0 amp	
Visibility Distance	100m	
CONTROLLERS		
Model	CS-400	
Operating Distance	1km line of sight	
POWER		
Primary Source	Eight (8) x 6V 210Ah Batteries	
Solar Controller	20AMP	
Back-Up Supply	Two (2) x 80W Solar Panels	

- Built to Australian Standards AS 4191:2015 – Portable Traffic Signal Systems
- RMS-NSW Type Approved (#0005-PTS3AR1-0-1)**
- ISO9001 Accredited
- Solar Powered
- LED Lanterns
- No longer restricted to Master & Slave. All controllers are functionally identical and can be defined as any unit in a multi-way intersection
- System can be controlled by any unit
- Direct keypad entry of red and green times

- No line-of-sight problems with the use of optional repeater to complete the link
- Control the system by both wired and wireless hand-held remotes
- Operating distance – 1.6km line of sight
- Spare Tyre supplied as standard
- Backward Compatible to CS-200 Trailers
- Unlimited Wireless Remotes available as optional extra for haul roads, etc
- GPS Location and Phone Reporting available as optional extras

** RMS-NSW does not allow any system on the market 3-way or 4-way mode

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