



J1-LED

PORTABLE TRAFFIC LIGHT TRAILER SmartGATE

Customer Options:

- Vehicle Presence Detection Radar (On-Demand Operation)
- High Gain Antenna (Omnidirectional or Yagi Directional)
- Bluetooth Travel Time (BATTs) Add-On
- 4G Remote Management - via. ITS HOSTS
- Boom Gate with Adjustable Length Arm
- Radio Interlinking Set-Up
- Extended Solar Capacity
- 240V AC Battery Charger
- CCTV Add-On
- GPS Tracking
- Lock Kits
- Spare Wheel



LCD Remote



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PORTABLE TRAFFICE LIGHT (PTL) TRAILER - SmartGATE



COMPLIANCE

AS 4197-2015

MRTS265 JULY 2019 - MTRS267 NOVEMBER 2021

AS/NZS 1170.2 (Wind Region C & Below)

ADR (VSB1 Revision 6)

ROVER Approved Manufacturer

TMR ITS & Traffic Signal Approved Device - 200mm ATS LED Lanterns

KEY FEATURES

Dual-trailer system enables towing as one vehicle with a standard wagon or utility vehicle with storage for tow coupling. Rapid & safe single person deployment with electric raise/lower, and secure extendable outriggers. High corrosion resistance and reliable, low maintenance service time.

Solar powered LED lantern technology for optimum energy and cost efficiency. Ultra high solar capacity with extended run time, high visibility and colour quality.

Synchronise up to 4-units, RF Radio Link High Gain aerials to connect units, with channel hopping and channel isolation to limit crosstalk.

While the traffic light signal is red, the boom arm is in the horizontal position and when the boom arm is in the vertical position the traffic light signal will remain red. After 2 to 3 seconds of the boom arm being raised, the traffic light turns green advising motorists that it is safe to proceed.

When the boom is in the vertical position, the traffic light is green. As the traffic light turns amber and then red, 2-3 seconds later, the boom arm lowers to the horizontal position, securing the work zone.

SPECIFICATIONS

MODEL NO	JL-D-0083
LANTERN SIZE (mm)	200
ESTIMATED MASS (kg)	725 (Individual Trailer)
TANDEM TRUCK TRANSPORT SIZE (mm) W x L x H (excl. Drawbar)	1565 x 2235 x 2570
TANDEM TOWING SIZE (mm) (incl' Drawbar) W x 3L x 2H	1565 x 3180 x 2570
DEPLOYED FOOTPRINT + HEIGHT (mm) W x L x H	1940 x 1740 x 4630
MARINE GRADE ALUMINIUM ENCLOSURE	✓
INGRESS PROTECTION	IP65
30° HORIZONTAL & VERTICAL VIEWING ANGLE	✓
POWER SUPPLY	12v 18Ah BATTERY
SOLAR SYSTEM	FIXED 160W SOLAR w/up to 400W SILDING
BATTERY SYSTEM	12V 480Ah MAINTENANCE FREE SLA SEALED LEAD ACID
OPERATING TEMP	-10°C TO +70°C
COMMUNICATIONS	RADIO COMMUNICATION WITH HIGH GAIN ANTENNA
CONTROL SYSTEMS	LOCAL ON-SITE (Computer or Master LCD Controller) OR 4G via. ITS HOSTS
MAST DEPLOYMENT MECHANISMS	ELECTRIC LINEAR ACTUATOR
BOOM ARM LENGTH FROM PIVOT	2400 - 4000 mm Range



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