

# SPECIFICATION FOR SOLAR POWERED VARIABLE MESSAGE SIGN ON TRAILER



Optical LENS



## LED DISPLAY BOARD SPECIFICATIONS

- Size 112 x 56 pixels
- Display size 2800 x 1450mm
- 3 colour RED/GREEN/YELLOW optical LED
- Light sensor
- 1Gb on board storage for pre loaded pictos
- Message to be changed via SMS, APN or Handheld terminal
- NTCIP compliant, to connect into existing traffic management systems.
- Board must provide it operating STATUS wrt Battery voltage, charging Amps and GPS position.

## POWER SUPPLY SPECIFICATIONS

- 330w Solar panel
- 2 x 260ah Deep Cycle Solar Batteries
- 1 x 30A Solar Charge Controller
- 1 x 220vAC battery charger with outdoor plug

## TRAILER SPECIFICATION

- 1.5T Braked axle
- 14' Tyre and rims
- 4 Height adjusted hoisters on corner of trailer.
- Hydraulic manual lift to raise board to 1.5m above ground level.
- Swivel mechanism to allow 360 degree rotation of Display board
- Locking pin to hold board in position.
- Steel vandal proof box for battery and hydraulic lift
- Solar panel mounted in steel frame and welded to main structure.
- 20mm dia chain fasten round axle to prevent theft.
- Trailer powder coated Fiat orange.
- Licensed Trailer