



MVP 700 7 YEAR NON-RECHARGEABLE BATTERY OPERATED TRAILER TRACKING UNIT

The MVP-700 is a battery operated non-rechargeable trailer tracking product designed for reliable, multi-year deployments. The MVP-700 is an ideal solution for managing assets that will be deployed for long periods without maintenance needs.

The MVP-700 high-value tracking unit features a small size, superior GPS performance, and an internal 57 Ah battery. The MVP-700 is a complete trailer and asset tracking and communications device incorporating next-generation, super-sensitive GPS technology on GSM/GPRS, CDMA 1xRTT and HSPA cellular networks for installation on the exterior of any mobile asset. Superior internal antennas for both cellular and GPS eliminate the need for wired antennas and make the MVP-700 mountable virtually anywhere on the trailer for easy, inexpensive installations. Messages are transported across the cellular network using enhanced SMS or UDP messaging providing a reliable communications link between the device and your application servers. The MVP-700 is designed to dramatically reduce cost of ownership, power and size while providing improving field reliability.

Battery Pack

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- **Battery Capacity** 57 amp hour
 - **Batter Operating Voltage** 3.6 volts
 - **Battery Technology** Lithium ion
 - **Field-Replaceable Battery Pack**

Environmental

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- **Temperature** -30° to +75° C (operating); -40° to +85° C (storage)
 - **Humidity** 95%RH @ 50° C non-condensing
 - **Shock and Vibration** SAE J1455
 - **EMC/EMI** SAE J1113; FCC–Part 15B; Industry Canada
 - **RoHS Compliant**
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Electrical

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- **Operating Voltage** 3.6V internal battery
 - **Power Consumption** <100 μ A @ 12V (deep sleep)
70 mA @ 12V (active standby)
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Physical

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- **Dimensions** 2.25 x 2.25 x 10.5", (55 x 55 x 260mm)
 - **Weight** 32 oz, (907 g)
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Connectors, SIM Access

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- **SIM Access** Internal
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Mounting

- **Screw Mount**
Magnet Mount