

DPS 3030-I-MAG HTD with GPS Asset Tracking Option



Figure 1 - Overall look of the embedded console with the updated lid.

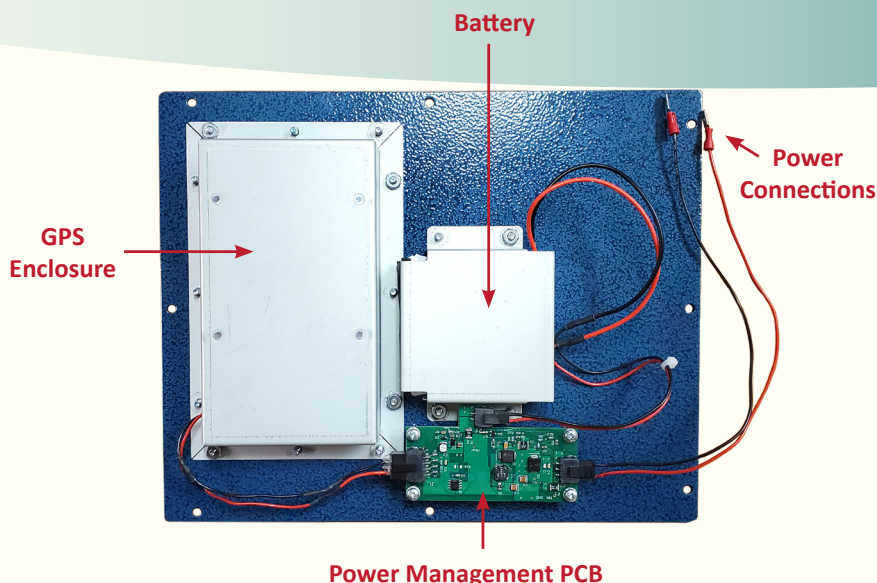


Figure 2 - Power connections for the lid.

The **DPS 3030-I Magic Head of Train Device** with GPS Asset tracking is a **NEW option** in the DPS Head of Train product line. New 3030-I Magic units will have the GPS option available. GPS can also be retro-fitted onto any existing **DPS 3030-I-MAG HTD** device as a replacement side cover that includes the GPS. Upgrading an existing unit is a simple process that can be followed using provided work instructions.

Specifications:

- Dimensions: 11.5" x 9.25" x 2.5", Weight: 9.6 lbs.
- 15V Input power provided by power terminals internal to the HTD.
- LMU-2630 GPS and Wireless Cell asset tracker.
- Fast charge (4 hours) 12.8V battery⁽³⁾ at maximum 0.8A current draw.
- 10 day⁽²⁾ asset tracking battery life schedule.
- Extensive features for asset tracking and notifications through e-mail and text message provided by GPSTrackit.com



DPS 3030-I-MAG HTD with GPS Asset Tracking Option

The updated cover to the **DPS 3030-I-MAG HTD** contains added hardware to perform asset tracking to any embedded unit when removed from a locomotive in the following manner:

- While the unit is installed in the locomotive and has power, the GPS unit is powered off and the backup battery will charge when needed.
- At loss of locomotive power, the GPS unit will wait for an hour before checking in. This ensures that the loss of locomotive power is not accidental or temporary. This helps ensure that the unit is able to obtain an initial GPS and Cell lock.
- After the initial hour has elapsed, the unit will start a series of 6 check-ins (once every ten minutes) for up to an hour.
- After the first hour, the unit will proceed to check-in every 12 hours, until the battery is depleted.

With the standard reporting schedule⁽¹⁾, the HTD can be tracked up to and even longer than 10 days⁽²⁾ thanks to a battery in the lid of the unit.

The GPS tracking and check-in utilizes an online cloud-based system for route tracking of the units. Through the extensive GPSTrackit.com website or phone application, users can create and manage individual assets, generate automated reports for any group of units, and be notified through text message or e-mail.

(1) Custom check-in durations are available and customizable.

(2) Typical battery life of 10 days after initial loss of locomotive power, and duration of time required for each check-in.

(3) Due to restrictions, only ground shipping is available.

