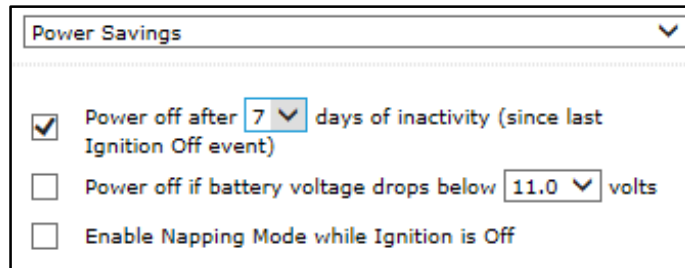# Partner Bulletin – Power Savings Options for 65xx

Contigo recently announced the release of a new feature for 65xx beacons, providing the user with various options for minimizing the power consumption of the device.

This partner bulletin describes the Power Savings feature and the advantages and drawbacks of the various options provided. The image below shows the options available when creating a Power Savings scenario. These three options may be selected in any combination.

Note that Power Savings options will only be active on the beacon when it is assigned to an activated Power Savings scenario.

Power Savings Option	Description
Power Off Device due to Inactivity	When selected, this option will power off the 65xx device after X number of days of inactivity, measured from the last Ignition Off event received by the device. X is a configurable number of days ranging from 1 to 7. Please note that prior to the launch of this feature, all 65xx beacons were configured by default to power off after 7 days of inactivity.
Power Off Device due to Low Vehicle Voltage	In order to prevent the 65xx device from inadvertently draining the vehicle battery while the vehicle is inactive, this option instructs the beacon to monitor the voltage level while the ignition is off, and power off if the voltage drops below a selected threshold. The threshold may be selected between 9.0 and 12.0 volts, in increments of 0.5V. Note that sudden voltage drops will not power down the device; only a sustained voltage level below the selected threshold.

Power Savings Option	Description
Napping Mode	The Napping Mode option allows the beacon to remain active, but with reduced functionality in order to limit the draw on the vehicle battery. While in Napping Mode, the beacon will perform the following limited duties: • monitor the accelerometer and "wake up" if motion is detected (allowing Arm Where Parked events to be generated if the vehicle is towed) • monitor inputs and store messages for later processing • obtain and store a fresh GPS location every 15 minutes Note that while Napping Mode is active, live locates will not be available, and the PND (Garmin) interface to the beacon will not work. * Due to a hardware limitation, Napping Mode is not available for 6550 models (HSPA devices with an external FAKRA antenna).

Important Notes

1. **When the 65xx is powered off,** due to either inactivity or low battery voltage, **no features are active** and no events are received from the device. The device will not failover to the backup battery. **Only an Ignition On event will power the device back on.**

2. If the 65xx device has been powered off by the Power Savings scenario, the iButton reader for Driver ID will be inactive. In this case the ignition must be turned on before tapping the reader with the iButton to identify the driver.

If you have any questions or comments, please do not hesitate to contact us at support@contigo.com .

Best regards,
The Contigo Team