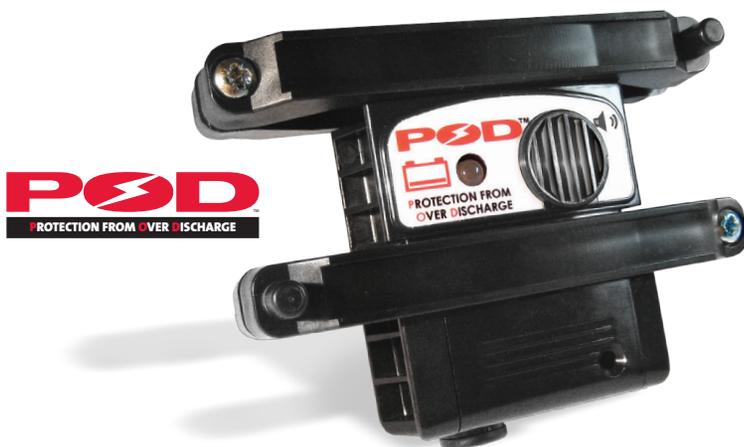




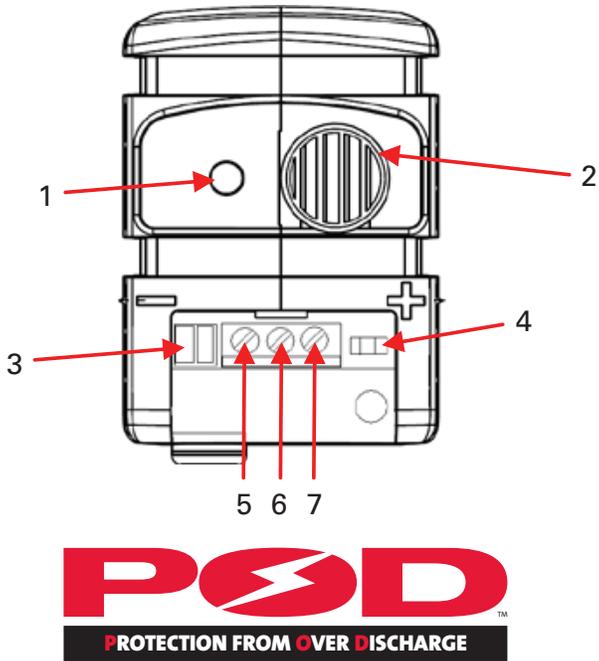
Maximize battery life with the Protection from Over-Discharge™ (POD™) device



Protect your NexSys® batteries from short life due to over discharge with the easy-to-use Protection from Over-Discharge™ (POD™) device from EnerSys®.

POD device technology analyzes battery voltage and estimates the State of Charge (SOC) during operation and storage. The device informs the user when it's time to charge the battery via audible and visible alarms. POD device technology from EnerSys also provides unlimited data capability and a communication link with a USB interface for easy management of your fleet.

Maximize battery life and productivity by preventing batteries from being over discharged with the POD device from EnerSys.



Easy operation

When the POD™ device is powered, the bicolor LED (Green/Red) flashes and the buzzer sounds approximately 5 times, then the Green LED flashes to indicate that the system is operating.

Item	Description	Meaning	Stop Condition
1	LED	Flashing Green (0.2s ON–10s OFF)	Normal operation
1	LED	Flashing Red	SOC <40%, the battery needs to be recharged soon Battery on charge V>2.08V/c
1	LED	Flashing Green (0.2s ON–3s OFF)	Normal operation, battery on charge or partially/fully charged
1	LED	Very fast flashing Green (0.2s ON–0.2s OFF)	Normal operation, V> 2.60V/c
2	Buzzer	Beeping 3 times every 5 minutes	SOC <40%, the battery needs to be recharged soon Battery on charge V>2.08V/c
2	Buzzer	Beeping 1 time every 5 seconds	SOC <20%, the battery needs to be recharged immediately Battery on charge V>2.08V/c
3	Serial	Connector for serial communication	1 wire non-isolated serial communication (level 0-5Vdc)
4	Fuse	Internal fuse	0.5A 125Vdc Time delay
5	Sensor	Voltage balance measurement (optional)	Measures voltage offset between the voltage balance wire and battery terminals
6-7	Relay	Normally closed or opened relay, depending on the setting and firmware (optional)	Open at 60 or 80% discharge for lift lockout. Max. switching power 62VA Max. switching voltage 100VDC Max. switching current 2A



This product is Listed to applicable UL Standards and requirements by UL.