

Terrestrial
GPS

GPS 6000

Collars for Wildlife



- Receivers
- Dataloggers
- Radio transmitters

- Acoustic transmitters
- Archival tags
- GPS systems

- Hydrophones
- Wireless hydrophones
- Physiological transmitters

- Depth transmitters
- Accessories
- Consulting

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GPS 6000 Series

Specifications

	6000S	6000SL
Housing dimensions (cm) W x H x D	6 x 2.5 x 4	6 x 2.5 x 4
Battery dimensions (cm) W x H x D	8.5 x 4.8 x 3.8	8.5 x 3.5 x 3.6
Approx. Weight (g) (with light duty belt)	290 grams ¹	190 grams ²
Estimated GPS battery life**		
3 months ³	GPS locations every 20 minutes 7128 locations	GPS locations every 30 minutes 5184 locations
6 months ⁴	GPS locations every 75 minutes 3,456 locations	GPS locations every 1 hour and 45 minutes 2,468 locations
1 year ⁴	GPS locations every 2 hours and 45 minutes 3141 locations	GPS locations every 4 hours 2,190 locations
2 years ⁴	GPS locations every 6 hours 2920 locations	NA
VHF beacon life	> 2 years from deployment depending on schedule*	Minimum 4 months after last GPS fix
VHF frequency range	140 - 175 MHz, 216 - 220 MHz	
Operating temperature range	-30 °C to +50 °C	
Data retention range	-50 °C to +75 °C	
Options	Temperature Mortality Recovery Differential correction (basic or advanced) 2 axis activity head up/down indicator Advanced User Scheduler Drop off compatible (min. neck size 26cm)	
User replaceable battery pack	Yes	
User programmable via cable with download link	GPS & Beacon Schedule & Mortality Delay	
User upload	GPS & Beacon Schedule & Mortality Delay	
User download	Date & diagnostics	
Data storage capacity assuming Replacement of battery packs		
Non-differential	65,000 locations	
Differential	24,000 locations	
Software Interface (includes host software)	Windows 98® or higher	

* Please call Lotek for more information

**Battery life estimates are approximate and may vary due to variance in individual battery capacity as per manufacturer, as well as operating conditions including ambient temperature, landscape, species, etc.

¹ Based upon a 40cm collar circumference

² Based upon a 22cm collar circumference

³ Based on 45 second average time to calculate a fix

⁴ Based on 90 second average time to calculate a fix



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