

VERTEX Lite - datasheet



Round shaped
VERTEX Lite collar
with 1C battery and
Drop Off

battery type	Globalstar 1 position send per message	IRIDUM 12 positions send per message	GSM 8 positions send per message	no data communication	weight (without Drop Off)
1C	120 - 178 days	150 - 253 days	179 - 349 days	225 - 576 days	starting with 250 g**
1D	120 - 445 days	376 - 634 days	449 - 874 days	563 - 1440 days	starting with 450 g**
2D	632 - 936 days	790 - 1331 days	944 - 1835 days	> 3 years	starting with 610 g**
3D	993 - 1471 days	1242 - 2093 days	> 4 years	> 5 years	starting with 810 g**
4D	1384 - 2051 days	> 5 years	> 5 years	> 7 years	starting with 1010 g**
5D	> 5 years	> 6 years	> 7 years	> 8 years	starting with 1180 g**
7D	> 7 years	> 8 years	> 8 years	> 8 years	starting with 1480 g**

*example calculation for following settings: GPS schedule with one GPS position every 2 hours, the VHF beacon active for 12 hours per day with Pulse Length 20ms, Period Length 1500ms, Output Power +10 dBm and no additional features running in 0°C ambient temperature

**weight varies depending on belt configuration and communication type, add 70 gram for collar with Drop Off

Please contact our customer support for individual calculation in battery lifetime and weight.

contact us

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