

Globehopper Edge Datasheet



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Doc. Nr.:	20250211001
Version:	1.2
Status:	APPROVED
Classification:	PUBLIC
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Product		Globehopper Edge 1.1
ID		AC.2B
Physical	Size	223 mm (8.77 in) x 67.5 mm (2.65 in) x 48 mm (1.88 in)
	Weight	500 g (1.10 lbs.)
Environmental	Operating temperature	-20 °C ... +60 °C; Electronics operational up to +85 °C (-4 °F ... +140 °F; Electronics operational up to +185 °F)
	Non-operating temperature	-40 °C ... +80 °C (-40 °F ... +176 °F)
	ATEX ambient temperature	-20 °C ... +50 °C (-4 °F ... +122 °F)
	Altitude	Up to 2000 m (6562 feet)
	Ingress Protection	IP66/IP67/IP6K9K
	Shock and Vibration	Class 5M3 for Ground Vehicles Category 2 for Rail Rolling Stock
Ex	IECEX	Ex ic IIIC T4 Gc
	ATEX, Directive 2014/34/EU	Ex II 3 G Ex ic IIIC T4 Gc
Energy	Battery type	Rechargeable NiMH
	Energy harvesting source	Solar panel
Shock detection		± 16 g
GNSS	Supported networks	GPS, GLONASS, Galileo, BeiDou
Communication	Cellular	2G fallback Quadband (850/900/1800/1900 MHz) 4G NB-IoT: B3 4G Cat-M1: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B71, B85
Lifetime	Maintenance free	6 to 10 years Depending on environmental conditions and use of device
Messaging Interval	Stationary	24 h (increased to 48h and/or 96h depending on idle time)
	Moving	1 h
	Moving within geofence	15 min to 60 min (depending on battery charge status)



Regulatory Compliance		ATEX, RED, RoHS, REACH, WEEE
Note	Details	EU Declaration of Conformity and certification details available upon request

