





# Edge




## DATA SHEET





 <b>Product</b>		Edge
 <b>ID</b>		AC.2A
 <b>Physical</b>	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.)
 <b>Environmental</b>	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 ... +60 °C
	ATEX ambient temperature (EN 60079-0)	-20 °C ... +50 °C (-4 °F ... +122 °F)
	Altitude	2000 m (6562 feet)
 <b>Energy</b>	Ingress Protection	IP66/IP67
	Battery type	Rechargeable
	Battery certification	Based on IEC 62368-1 (and 60079-11 for Ex ic)
 <b>Shock detection</b>	Energy harvesting source	Solar panel
		± 16 g
 <b>GNSS</b>	Supported networks	GPS, GLONASS, Galileo, BeiDou
 <b>Communication</b>	Cellular	4G (NB-IoT, Cat-M1)
		2G fallback Quadband Cat-M1: B2/3/4/5/8/12/13/20/25/26/28/66



 <b>External Sensor Communication</b>		BLE 5.1
 <b>Lifetime</b>	Maintenance free	6 to 10 years depending on environmental conditions and use of device
 <b>Messaging Interval</b>	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)



**Environmental:**

RoHS  
WEEE  
IEC 60068 Series  
IEC 60529 (IP66 and IP67)

**ATEX and IECEx:**

II 3 G  
Ex ic nC IIC T4 Gc  
-20 °C ≤ Ta ≤ +50 °C  
Directive 2014/34/EU  
EN IEC 60079-0  
EN IEC 60079-11, EN IEC 60079-15

**Product and Battery Safety:**

IEC 62368-1

**Radio and EMC:**

Directive 2014/53/EU  
EN 301 489  
EN 301 908-1  
EN 301 511  
EN 300 328  
EN 303 413  
EN 62311

