

Template:FMM230 Technical features

Technical features

Part name	Physical specification
Navigation indication	LED
Modem indication	LED
Socket	Soldered inner socket
USB	Micro USB socket
GNSS	Internal GNSS antenna
GSM	Internal GSM antenna

Technical details

2 W max. Current consumption at 12 V (Power supply 6...30 V DC)	<ul style="list-style-type: none">• At 12V < 3 mA (Ultra Deep Sleep)• At 12V < 5 mA (Deep Sleep)• At 12V < 11 mA (Online Deep Sleep)• At 12V < 18 mA (GPS Sleep)• At 12V < 34 mA (nominal with no load)• At 12V < 2A Max. (with full Load / Peak)
Battery charge current	Average 140 mA
Operating temperature (without battery)	-20..+85 °C
Storage temperature (without battery)	-20..+85 °C
Operating temperature (with battery)	-20..+40 °C
Storage temperature (with battery)	0..+45 °C
Operating humidity	5..95% (no condensation)
Ingress Protection Rating	IP67
Battery charge temperature	0..+45 °C
Battery discharge temperature	-20..+60 °C
Internal fuse	3 A, 125 V
Device + case + battery weight	55 g

Dimension drawing:

