

# Template:FMM230 Technical features

## Technical features

<b>Part name</b>	<b>Physical specification</b>
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"><li>• At 12V &lt; 3 mA (Ultra Deep Sleep)</li><li>• At 12V &lt; 5 mA (Deep Sleep)</li><li>• At 12V &lt; 11 mA (Online Deep Sleep)</li><li>• At 12V &lt; 18 mA (GPS Sleep)</li><li>• At 12V &lt; 34 mA (nominal with no load)</li><li>• At 12V &lt; 2A Max. (with full Load / Peak)</li></ul>
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:

