

BAT50 Spec Sheet

Physical Specs

Size:	5.77" L x 2.48" W x .80" H
Weight:	5.9 oz.

GPS Functionality

Channels Sensitivity	12
Monitoring	-159 dBm (typical)
Reacquisition	-158 dBm (typical)
Cold start	-145 dBm (typical)

Environmental Specs

Temp	
Operating:	-30°C to +85°C
Compliant:	-20°C to +60°C
Storage:	-40°C to +85°C
IP rating:	IP66

Wireless Specs

Frequency:	GSM Quad band (850/900/1800/1900 MHz)
Sensitivity:	- 108 dBm (typical)
Transmit power:	Class 4 (2W@850/900 MHz) Class 1 (1W@1800/1900 MHz)

Power

	Mode	Avg
System	Idle	< 5 μ A
GPS	Average acquisition	< 80mA
	Monitoring	< 20mA
GSM 850 & 900	1TX/1RX	285mA
GSM 1800 & 1900	1TX/1RX	240mA

Battery

Chemistry	Lithium-Thionyl Chloride
Capacity	4200 mAh @ RT

