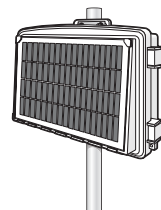


EnviroMonitor® Gateways



6801
6802

EnviroMonitor® System

An EnviroMonitor System is an advanced mesh network that includes a Gateway and a number of Nodes. Each Node can have up to four sensors. The Nodes transmit the sensor data to a mesh parent, either the Gateway or another Node. The Gateway then sends the data via cellular connection to WeatherLink.com.

General

Operating Temperature	.....	-40° to +140°F; -40° to +60°C
Charging Temperature	.....	-4° to +120°F (-20° to +49°C)
Storage Temperature	.....	-40° to +140°F; -40° to +60°C
Current Draw	.....	25mA typical, 1A peak
Housing Material	.....	Rugged ASA Plastic
Dimensions (width x height x depth)	.....	13.75 X 10 X 4.15 inches (34.9 X 25.4 X 10.5 cm)
Weight	.....	8.50 lbs. (3.86 kg)
Battery		
Type	.....	6 volt, 12 Ah, gel cell with quick disconnect 0.250" x 0.032" (6.35 mm x 0.81 mm) tabs
Replacement Part Number	.....	7011.025
Charging Temperature	.....	-4 to +120°F; -20 to +49°C
Solar Panel (@ 1000w/m²)		
Nominal power	.....	5W
Voc	.....	21.6V
Isc	.....	301mA
Vmp	.....	18V
Imp	.....	277mA
Cellular Communication		
6801	.....	850/900 MHz (GSM) 1800/1900 MHz (DCS/PCS) B1, B2, B4, B5, B8 (UMTS)
6802	.....	LTE CAT-M1 B2, B4, B12 (LTE) Class 3 (23dBm)

Transmit/Receive Frequency and Channels

All bands are license-free.

Region	No. of Channels	Min. - Max. Frequency	Output Power
USA	51	902 - 928 MHz	902 - 928 MHz FHSS; less than 25 mW
EU	5	868.0 - 868.6 MHz	868.0 - 868.6 MHz FHSS; less than 25 mW
Australia, Brazil	51	918 - 926 MHz	918 - 926 MHz FHSS; less than 25 mW
New Zealand, Peru	51	921 - 928 MHz	921 - 928 MHz FHSS; less than 25 mW
India	19	865 - 867 MHz	865.0 - 867.0 MHz FHSS; less than 25 mW

Certifications

- FCC
- CE
- IC

Package Dimensions

Product #	Package Dimensions (Width x Length x Depth)	Package Weight	UPC Code
6801	12.25 x 16.25 x 6.5	10lbs 2 oz	011698012831
6802	31.1 x 41.3 x 16.5cm	4.60 kg	011698013937



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DS6800 (Rev. C, 12/19/19)