

Technical Sheet:

DSC PGP9986 - PGPx986 PowerG+ Water Tile with Freeze

Product specifications for PGPx986 PowerG+ Water Tile with Freeze Detection are outlined in the specifications table.

Specification	Description
Frequency Band	PGP9986: 912 to 919 MHz PGP8986, PGP8986-0, PGP8986-1, and PGP8986-2: 868 MHz to 869 MHz
Maximum Tx power	+14 dBm @ 868 MHz, +18 dBm @ 915MHz
Modulation	GFSK
Communication Protocol	PowerG, PowerG+
Power Supply	Battery
Battery Type	2 X 3V Lithium CR2450 Panasonic, Duracell and GP battery
Battery Life	5 years with typical use at room temperature 77°F (25°C)
Low Battery Threshold	4.3 V at room temperature 77°F (25°C)
Nominal operating voltage	6 V
Current Consumption	Maximum current: 100 mA Minimum current: 2 uA Quiescent current: 7.5 uA (after a minimum 1 hour of inactivity)
Ingress Protection (IP) rating	IP65
Operating temperature	14°F (-10°C) to 131°F (55°C) ① Note: UL evaluated 32°F (0°C) to 120°F (49°C)
Storage temperature	-4°F (-20°C) to 158°F (70°C)
Relative humidity	Up to 93% non-condensing
Dimensions (LxWxD)	2.6 in. (L) x 2.6 in. (W) x 0.43 in. (H) / 65 mm (L) x 65 mm (W) x 11 mm (H)
Weight (including battery)	1.7 oz (48 g)
Color	White

