



# PowerG + Water Tile with Freeze Detection

Stopping Leaks from Turning into Lakes



## Sleek Space-Saving Design

Low-profile footprint allows for discreet installation in various settings.



## Clear Visual Indicators

LED indicators simplify signal strength assessment.



## Integrated Low Temperature Alerts

Detects and reports freezing conditions to prevent damage.



## External Probe & Sensing Cable Support

Enhances monitoring capabilities (accessories sold separately).



## Audible Water Leak Alerts

Emits a clear audible alert in the event of a water leak.



## Over-The-Air Updates

Upgrade sensors and resolve device issues remotely.



PowerG+

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## SPECIFICATIONS

Frequency Band	912 to 919 MHz, 868 to 869 MHz	
Maximum Tx Power	+14 dBm @ 868 MHz	
Modulation	GFSK	
Communication Protocol	PowerG +	
Power Supply	Battery	
Battery Type	2 x 3V Lithium CR2450 Panasonic, Duracell and GP battery	
Battery Life	Up to 5 years with typical use at room temperature 25°C (77°F)	
Low Battery Threshold	4.3V at room temperature 25°C (77°F)	
Nominal Operating Voltage	6V	
Current Consumption	Maximum Current: 100 mA Quiescent Current: 7.5 uA	
Operating Temperature	-10°C (14°F) to 55°C (131°F)	
Storage Temperature	-20°C (-4°F) to 70°C (158°F)	
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)	48g (1.7oz)	
Color	White	
Certifications	PGP9986	FCC (912 to 919 MHz): 47CFR part 15.247 ISED Canada (912 to 919 MHz): RSS-247 UL: UL4200A
	PGP9986	EN 62368-1, EN 301489, EN300220
Part Number(s)	PGP9986 – NA and LATAM PGP8986 – EMEA	



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