



PowerG + Water Tile with Freeze Detection

Stopping Leaks from
Turning into Lakes

www.grandalarms.com

Sleek Space Saving Design

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

Integrated Low Temperature Alerts

Detects and reports freezing conditions to prevent damage.

Audible Water Leak Alerts

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

Clear Visual Indicators

LED indicators simplify signal strength assesment.

External Probe & Sensing Cable Support

Enhances monitoring capabilities (accessories sold separately).

Over-the-Air Updates

Upgrade sensors and resolve device issues remotely.



Specifications

Frequency Band	912 to 915 MHz, 868 to 869 MHz	
Communication Protocol	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 25°C (17°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	
Ingress Protection (IP) Rating	IP65	
Freeze Alert Temperature (Ambient)	5°C (41°F)	
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
	PGP8986	EN 62368-1, EN 301489, EN300220
PArt Number(s)	NA and LATAM PGP9986	
EMEA	PGP8986	IQ Panel
EMEA	PGP8986-0	PowerMaster panel in Europe
EMEA	PGP8986-1	PowerMaster panel in UK
EMEA	PGP8986-2	BenTel Panel