

24/7 Area Monitoring **SOLAR POWER SYSTEM**

- 100W Solar Panel
- NEMA4 ingress protection
- 24/7 continuous monitoring*
- Easy to install and use

**depending on configuration*

The Solar Power System provides a reliable power source for non-stop monitoring with the Radius® BZ1 Area Monitor and RGX® Gateway. This durable, solar-based system provides 100 watts of continuous power with minimal installation or maintenance. With NEMA 4 protection, it can operate in all weather conditions to provide 24/7 gas detection and ensure maximum worker safety. With the potential to integrate with the iNet® safety platform, it provides automated control and total protection against gas hazards anytime.



CONTROLLER ENCLOSURE



INSTRUMENT ENCLOSURE



**INDUSTRIAL
SCIENTIFIC**

SOLAR POWER SYSTEM

SPECIFICATIONS

VERSION	BASIC	PROFESSIONAL	INTRINSICALLY SAFE
			
LOCATION	Safe area only	Safe area only	Stand: safe area only Radius BZ1: could be in Zone 0
INSTRUMENT ENCLOSURE	None	Dimension: 700x500x400 mm Material: HDPE Color: Green <i>* In the protective case, we have prepared the space and power inlet for customers to install a mobile cellular WiFi router if needed.</i>	None
CONTROLLER ENCLOSURE		Dimension: 550x460x220 mm Material: Q235 steel Color: Pearl White	
STAND		Height: 170 cm Weight: 30 kg Mounting: Ground Mounting	
SOLAR PANEL		Aluminum Frame: 770x670x30 mm Arrangement: portrait or landscape Maximum Output: 100 W Maximum Power (Pmax): 100 W Maximum Current (Imp): 5.75 A Short Circuit Current (Isc): 6.08 A Open Circuit Voltage (Voc): 21.8 V	
BATTERY SPECIFICATIONS Battery is not part of the purchase.		Type: Rechargeable Lead-Acid Nominal voltage: 12 V Nominal capacity: 75 Ah (900 Wh) <i>*Customers need to purchase a battery that dimension is not larger than 350x178x257mm and capacity is more than 55Ah.</i>	
INGRESS PROTECTION		NEMA4	
OUTPUT1		Rated Voltage (VDC):12 Rated Current (A):10	
OUTPUT2		Rated Voltage (VDC): 12 Rated Current (A): 10	
OUTPUT3 (RADIUS ONLY)	Rated Voltage (VDC): 12 Rated Current (A):10	Rated Voltage (VDC): 12 Rated Current (A):10	Rated Voltage (VDC): 14.7 Rated Current (A): 0.6
SYSTEM RUNTIME: varies depending on configuration	≥31 days	≥31 days	≥7 days
CERTIFICATIONS		CE: Directive 2014/30/EU Directive 2011/65/EU and 2015/863/EU	