

# SRM POWER SUPPLY | LOGR-S

## SOLAR RESOURCE MONITORING

NRG's SRM Power Supply | LOGR-S for solar resource monitoring projects offers versatile voltage compatibility (110-240 VAC) for global use, converting AC power to reliable DC power for LOGR-S Data Loggers, sensors, and any additional peripherals such as media converters, modems, and radios.

### Key Benefits:

- Universal voltage compatibility for effortless integration across regions
- Highly configurable design allows for easy expansion and customization
- Reliable power to data logger, sensors, and additional peripherals ensures uninterrupted data collection
- Durable design offers long-lasting performance and reliability in all climates
- Mounting options enable quick setup, minimizing downtime and simplifying deployment



**NRG**Systems®

## SPECIFICATIONS: SRM AC ONLY

### 16923: SRM PS | LOGR-S, AC

<b>DESCRIPTION</b>	Applications	Power supply provides grid tied power to data logger and any additional accessories including media converter.
	Compatibility	LOGR-S
<b>POWER REQUIREMENTS</b>	Grid Supply Voltage	110-240VAC
	Grid Supply Max Current	1.2A@115VAC
	Battery Input	N/A
<b>POWER OUTPUTS</b>	Output Voltage	12VDC (with LOGR-S) and 24VDC
	Max Load Current	2.5A @24V
<b>INSTALLATION</b>	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Cord Grips	2x 12590
		1x 16538
		1x 16545
		1x 16506
		1x 16536
Accessories	Ethernet to Fiber Adapter	
<b>ENVIRONMENTAL SPECIFICATIONS</b>	Operating Temperature Range	-30° C to 70° C (-22° F to 158° F)
	Operating Humidity Range	20 to 90% RH
	Ingress Protection	IP 68
<b>PHYSICAL</b>	Weight	15.4
	Dimensions	Height - 17.43"
		Width - 15.43"
Depth - 7.34"		
<b>MATERIALS</b>	Enclosure	Fiberglass Reinforced Polyester
	Mounting Hardware	Stainless Steel Brackets and Hose Clamps

# SPECIFICATIONS: SRM UPS

## 16927: SRM UPS | LOGR-S, AC

<b>DESCRIPTION</b>	Applications	Power supply for media converters and data logger. Provides grid tied power and an uninterruptible DC power source in case of grid outages with flexible scaling to meet autonomy specifications.
	Compatibility	LOGR-S
<b>POWER REQUIREMENTS</b>	Grid Supply Voltage	110 - 240 VAC
	Grid Supply Max Current	1.8A@115VAC
	Max Charging Current	2.5A
	Battery Input	12 VDC Battery Bank   Flexible in Size
<b>POWER OUTPUTS</b>	Output Voltage	12VDC and 24VDC
	Max Load Current	4.5A@13.8VDC
<b>INSTALLATION</b>	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Cord Grips	2x 12590
		1x 16538
		1x 16545
		1x 16506
	1x 16536	
	Cables	1x Battery cable
Accessories	Battery Kits / Tower Mounted Battery Bracket / Ethernet to Fiber Adapter	
<b>ENVIRONMENTAL SPECIFICATIONS</b>	Operating Temperature Range	-30° C to 70° C ( -22° F to 158° F)
	Operating Humidity Range	20 to 95% RH
	Ingress Protection	IP 68
<b>PHYSICAL</b>	Weight	16 Lb
	Dimensions	Height - 17.43"
		Width - 15.43"
Depth - 7.34"		
<b>MATERIALS</b>	Enclosure	Fiberglass Reinforced Polyester
	Mounting Hardware	Stainless Steel Brackets and Hose Clamps

# SPECIFICATIONS: SRM UPS+PV

## 16928: SRM UPS | LOGR-S, AC+PV

<b>DESCRIPTION</b>	Applications	Power supply for supplemental 12V power for digital sensors, media converters and data logger. Provides grid tied power and an uninterruptible DC power source in case of grid outages with flexible scaling to meet autonomy specifications.
	Compatibility	LOGR-S
<b>POWER REQUIREMENTS</b>	Grid Supply Voltage	110 - 240 VAC
	Grid Supply Max Current	2.5A@115VAC
	PV Input	1 or 2 100W PV Modules (50 VOC max)
	Max Charging Current	10A
	Battery Input	12 VDC Battery Bank   Flexible in Size
<b>POWER OUTPUTS</b>	Output Power	12 VDC and 24VDC
	Max Load Current	4.6A@12V
<b>INSTALLATION</b>	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Cord Grips	2x 12590
		1x 16538
		1x 16545
		1x 16506
		1x 16536
		2x 17742
		2x 17145
		Cables
Accessories	Battery Kits / PV Kits / Tower Mounted Battery Bracket / Ethernet to Fiber Adapter	
<b>ENVIRONMENTAL SPECIFICATIONS</b>	Operating Temperature	-20° C to 60° C ( -4° F to 140° F)
	Operating Humidity Range	20 to 95% RH
	Ingress Protection	IP 68
<b>PHYSICAL</b>	Weight	26
	Dimensions	Height - 19.5"
		Width - 17.484"
Depth - 10.625"		
<b>MATERIALS</b>	Enclosure	Fiberglass Reinforced Polyester
	Mounting Hardware	Stainless Steel Brackets and Hose Clamps

### For more information:

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 ISO 9001: 2015 Certified  
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