

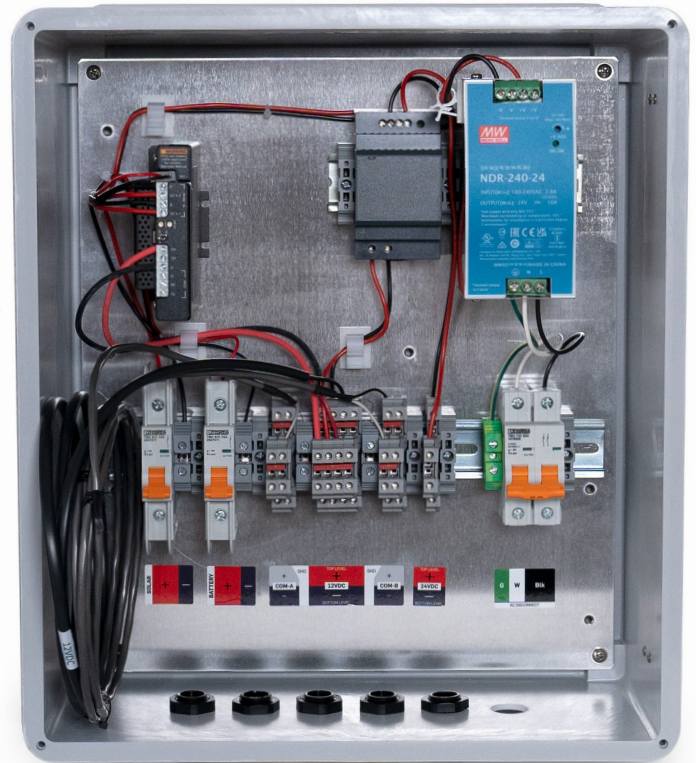
# SRM POWER SUPPLY | SymphoniePRO

## SOLAR RESOURCE MONITORING

NRG's SRM Power Supply | SymphoniePRO for solar resource monitoring projects offers versatile voltage compatibility (110-240 VAC) for global use, converting AC power to reliable DC power for SymphoniePRO 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



# SPECIFICATIONS: SRM UPS

## 15225: SRM UPS | SymPRO, AC

<b>DESCRIPTION</b>	Applications	Power supply for supplemental 12V power for digital sensors, media converters and data logger. Provides grid tied power and a DC power source in case of grid outages with flexible scaling to meet autonomy specifications.
	Compatibility	SymphoniePRO Data Logger
<b>POWER REQUIREMENTS</b>	Grid Supply Voltage	110 – 240 VAC
	Grid Supply Max Current	0.8 A@115VAC
	Battery Input	12 VDC Battery Bank   Flexible in Size
<b>POWER OUTPUTS</b>	Output Voltage	12 VDC
	Max Load Current	1.9 A@12V
<b>INSTALLATION</b>	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools Required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Strain Reliefs	3x 1638
		1x 12028
		2x 12870
	Cables	2x 6ft 2C+1 – COM A/B
		1x 6ft 2C – 12VDC Supply
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	0 to 100% RH
	Ingress Protection	IP 65
<b>PHYSICAL</b>	Weight	19.2
	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

## 15959: SRM UPS | SymPRO, AC, 24V

<b>DESCRIPTION</b>	Applications	Power supply for supplemental 12V/24V power for digital sensors, media converters and data logger. Provides grid tied power and a DC power source in case of grid outages with flexible scaling to meet autonomy specifications.
	Compatibility	SymphoniePRO Data Logger
<b>POWER REQUIREMENTS</b>	Grid Supply Voltage	110 – 240 VAC
	Grid Supply Max Current	0.8 A@115VAC
	Battery Input	12 VDC Battery Bank   Flexible in Size
<b>POWER OUTPUTS</b>	Output Voltage	12 VDC and 24VDC
	Max Load Current	1.9A@12V, 0.63A@24V
<b>INSTALLATION</b>	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools Required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Strain Reliefs	3x 1638
		1x 12028
		2x 12870
	Cables	2x 6ft 2C+1 – COM A/B
		1x 6ft 2C – 12VDC Supply
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 90% RH
	Ingress Protection	IP 65
<b>PHYSICAL</b>	Weight	19.2
	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

## 16210: SRM UPS | SymPRO, AC+PV, 24V

<b>DESCRIPTION</b>	Applications	Power supply for supplemental 12V/24V 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	SymphoniePRO Data Logger
<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 Voltage	12 and 24 VDC
	Max Load Current	4.6A@12V, 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
	Strain Reliefs	2x 12028   1x 9.9 – 14mm (0.39 – 0.55")
		1x 12590   5x 5.5mm (.21") Skinned over
		2x 12870   2x 5.1 – 6.1mm (0.2 – 0.24")
		1x 15364   3x 4.6 – 5.6mm (0.18 – 0.22")
	Cables	2x 6ft 2C+1 – COM A/B
		1x 6ft 2C – 12VDC Supply
		1x Battery cable
	Accessories	Battery Kits / PV Kits / Tower Mounted Battery Bracket / Ethernet to Fiber Adapter
<b>ENVIRONMENTAL SPECIFICATIONS</b>	Operating Temperature Range	-20 ° C to 60 ° C ( -4° F to 140° F)
	Operating Humidity Range	20 to 95% RH
	Ingress Protection	IP 65
<b>PHYSICAL</b>	Weight	10 kg (23 lbs)
	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

### For more information:

NRG Sales  
+1 802.482.2255  
sales@nrgsystems.com  
nrgsystems.com  
ISO 9001: 2015 Certified  
ISO 14001:2015 Self-Certified

