

SRA POWER SUPPLY | SymphoniePRO

SOLAR RESOURCE ASSESSMENT

NRG's specialized SRA Power Supply | SymphoniePRO is designed to meet the unique needs of solar resource assessment applications, providing reliable DC power for sensors, SymphoniePRO Data Loggers, and other equipment. This power supply is engineered to optimize your pre-construction endeavors with unwavering reliability and performance, including in harsh environments.

Key Benefits:

- 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, ensuring critical systems remain powered
- Mounting options enable quick setup, minimizing downtime and simplifying deployment



NRGSystems®

SPECIFICATIONS:

14413: Auxiliary RPS | Electronics

DESCRIPTION	Applications	Power supply for supplemental 12V power for digital sensors and data logger in SRA applications. Provides a DC remote power supply (RPS) with flexible scaling to meet autonomy specifications.
	Compatibility	SymphoniePRO Data Logger
	PV Input	1 or 2 100W PV Modules (60VOC max)
	Battery Input	12 VDC Battery Bank Flexible in Size
POWER OUTPUTS	Output Voltage	12 VDC
	Max Load Current	30 A@12V
INSTALLATION	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools Required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Strain Reliefs	1x 1628
		3x 12870
		2x 15364
		2x 17742
	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	
ENVIRONMENTAL SPECIFICATIONS	Operating Temperature Range	-40°C to 60°C (-40°F to 140°F)
	Operating Humidity Range	0 to 100% RH
	Ingress Protection	IP 65
PHYSICAL	Weight	20 lbs
	Dimensions	Height - 17.43"
		Width - 15.43"
		Depth - 7.34"
MATERIALS	Enclosure	Fiberglass Reinforced Polyester
	Mounting Hardware	Stainless Steel Brackets and Hose Clamps

SPECIFICATIONS:

16507: Auxiliary RPS | Electronic, 24V

DESCRIPTION	Applications	Power supply for supplemental 12V/24V power for digital sensors and data logger in SRA applications. Provides a DC remote power supply (RPS) with flexible scaling to meet autonomy specifications.
	Compatibility	SymphoniePRO Data Logger
	PV Input	1 or 2 100W PV Modules (60VOC max)
	Battery Input	12 VDC Battery Bank Flexible in Size
POWER OUTPUTS	Output Voltage	12 VDC and 24 VDC
	Max Load Current	30A@12V, 2.1A@24V
INSTALLATION	Mounting	Shelter Box Mounts with 2x Hose Clamps
	Tools Required	Nut driver 5/16", small flat blade screwdriver, Philips screwdriver
	Strain Reliefs	1x 1628
		3x 12870
		2x 15364
		2x 17742
	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	
ENVIRONMENTAL SPECIFICATIONS	Operating Temperature Range	-40 ° C to 60 ° C (-40°F to 140°F)
	Operating Humidity Range	5 to 95% RH
	Ingress Protection	IP 65
PHYSICAL	Weight	21 lbs
	Dimensions	Height - 17.43"
		Width - 15.43"
		Depth - 7.34"
MATERIALS	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

