

# SWPR-4200S Shelf

9600 Watt Power Shelf  
-48V 200A Rectifier & Battery Charger

## Product Features:

- Modular Design
- 4 Rectifier Modules for a total of 200 Amps
- Low Voltage Disconnect for battery protection
- Battery Connection for providing battery backup.
- N + 1 Redundant Rectifiers
- Full Featured Status and Alarm
- RS485 Serial Interface
- World Wide Safety Approval
- Rectifier SRM5450 Rectifier Module
- AC & DC Distribution Panels Built In
- Safety Certifications Pending, for Full Product Family

UL<sup>®</sup> CB CE



## INPUT SPECIFICATIONS:

VOLTAGE	1Ø 240VAC or Range (176 to 264VAC)
FREQUENCY	47-63Hz
INRUSH	20A @ @230VAC (Max Cold Start) per Module
CURRENT	15A@ 230 VAC (Max Continous) per Module
PROTECTION	Single A Fuse / 250 VAC
LEAKAGE	3.5mA Max @ 230 VAC Per module
EFFICIENCY	91% Typical
HARMONICS	EN61000-3-2 Class D Compliant (>98% PF)
PROTECTION	Input UnderVoltage

## OUTPUT SPECIFICATIONS:

VOUT	-48V DC
IOUT	200 Amps per system
ADJUSTMENT RANGE	-40V ~ -58V DC
LINE REGULATION	±0.5% Max over entire input range
LOAD REGULATION	±0.5% maximum
TEMP REGULATION	±0.5% maximum
RIPPLE	≤ 200mVp-p
SETPOINT ACCURACY	±.5%
OVER CURRENT	115-135% (Auto-Recovery)
OVER VOLTAGE	105-115% (recycle input to reset)

## GENERAL SPECIFICATIONS:

OPERATING	-40 ~ +55°C
STORAGE	-40 ~ +85°C
COOLING	Forced Air Intelligent Fans
HUMIDITY	5-95% (non-condensing)
VIBRATION	10-55Hz, 2G, 3Min Period, / 60 min each (3 axes)
SHOCK	20G Peak Acceleration
RELIABILITY	150000 Hrs MTBF
SIZE	711.2mm x 421.5mm x 280mm - 28" x 16.5" x 11"

## STATUS & CONTROL SPECIFICATIONS:

DC OK	High Signal indicates DC Output is on and within regulation
CURRENT SHARE	Single Wire Parallel up to 5 units within ±10% accuracy
BATTERY	Low Voltage Disconnect

## EMISSIONS:

EMISSIONS	EN55022 Level B (Conducted)
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## SAFETY STANDARDS:

UL /CUL	60950-1
TELCORDIA	NEBS Compliant (Level 3)

## North America

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1300 E Lookout Dr, #210,  
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## Asia

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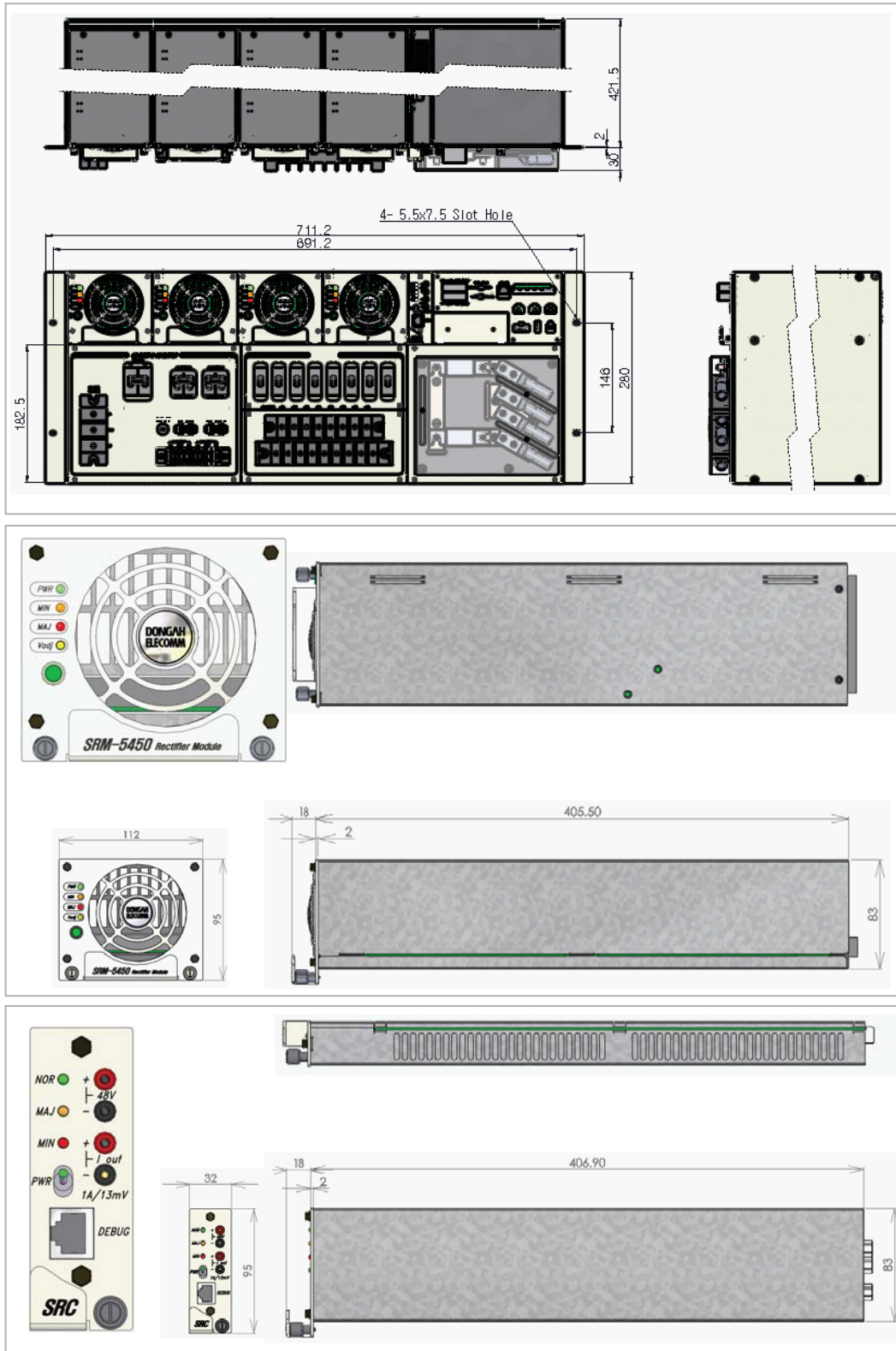


# DONGAH ELECOMM

[www.dongahusa.com](http://www.dongahusa.com)

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10,800 Watt -54V / 200A Power Shelf  
Modular Rectifier Shelf and Battery Charger



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