

## Outdoor Power Cabinet with Battery -54.0VDC / 200A Output

# SWPR-4200P

### Product Features:

- 4 Bay / 200 Amp Power Shelf
- Low Voltage Disconnect for Battery Protection
- External Battery Connection for Extended
- Battery Backup Hot-Swap / N + 1 Redundant Rectifiers
- Full Featured Status and Alarm
- RS485 Serial Interface
- Front Panel LCD Indicator
- World Wide Safety Approvals
- Works with SRM-5450 Rectifier Module
- Works with SRC Control Module



### Input Specifications:

VOLTAGE	1Ø240VAC or 3Ø 208VAC (176 to 264VAC)
FREQUENCY	47-63Hz
INRUSH	50A @ 240VAC(Max Cold Start) per Module
CURRENT	15A @ 240VAC(Max Continuous) per Module
PROTECTION	Double pole 25A Fuse / 250VAC per Module
LEAKAGE	1.0mA Max @ 264VAC per Module
EFFICIENCY	92% Typical
HARMONICS	EN61000-3-2 Class D Compliant (>98PF)
PROTECTION	Input Under voltage, Overvoltage

### Output Specifications:

Vout	-54.0VDC
Iout	200Amax with 4Module(50A/Module)
ADJUSTMENT RANGE	-40VDC~-58VDC
LINE REGULATION	±0.5% Max over entire input range
LOAD REGULATION	±0.5% Maximum
TEMP REGULATION	±0.5% Maximum
RIPPLE	≤ 250mVp-p(10Hz~14MHz)
SETPOINT ACCURACY	±0.5%
OVER CURRENT	105~130%
OVER VOLTAGE	-59VDC(recycle input to reset)
PROTECTION	Thermal Shutdown Battery Temp. Compensation

### Status & Control signals:

COMMUNICATION	High Signal indicates DC Output is on and within regulation
INTERFACE	RS485

### General Specifications:

OPERATING TEMP	-40 °C to +50 °C
STORAGE TEMP	-40 °C to +85 °C
OPERATING HUMIDITY	10% to 90% (Non-Condensing)
STORAGE HUMIDITY	5% to 95% (Non-Condensing)
COOLING	Convection cooling
VIBRATION	10-55Hz, 2G, 3min period/60 min each(3 axes)
SHOCK	20G Peak Acceleration
RELIABILITY	150,000 Hrs MTBF
ALTITUDE	0~10,000 Feet
SIZE(W×D×H)	800 X 762 X 1800mm

### Electromagnetic Compatibility:

EMISSIONS	EN55022 Level A (Conducted)
ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact / 8KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 26-1000MHz, 10V/M, 80%AM
EFT/BURSTS	EN61000-4-4, 2KV
SURGE	EN61000-4-5
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip&10ms, 30% Dip&500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

### Standards & Approvals

UL/CUL	60950-1
CE MARK	Low Voltage Directive
TELCORDIA	NEBS GR-487

Outdoor Power Cabinet with Battery  
-54.0VDC / 200A Output

# SWPR-4200P

Outline Drawing:

