

## SORS-200

Outdoor Power Cabinet with Battery Shelf  
27.0VDC / 160A Output

### Product Features:

- Battery Charger and Monitor
- Full Featured Status and Alarms
- UDP(Ethernet)



### Input Specifications:

VOLTAGE	1Ø220VAC (±20%)
FREQUENCY	47-63Hz
INRUSH	40A @ 220AVC(Max Cold Start) per Module
CURRENT	16.0A @ 220VAC(Max Continuous) per Module
PROTECTION	Double pole 25A Fuse / 250VAC per Module
LEAKAGE	3.5mAMax @ 264VAC per Module
EFFICIENCY	88% Typical per Module
HARMONICS	EN61000-3-2 Class D Compliant (>98PF)
PROTECTION	Input Under voltage, Overvoltage

### Output Specifications:

Vout	27.0VDC
Iout	160Amax
ADJUSTMENT RANGE	22VDC~29VDC
LINE REGULATION	±1% Max over entire input range
LOAD REGULATION	±1% Maximum
TEMP REGULATION	±0.05% Maximum per °C
RIPPLE/NOISE	≤ 100mVp-p/≤ 250mVp-p(10Hz~14MHz)
SETPOINT ACCURACY	±0.5%
OVER CURRENT	105~130%
OVER VOLTAGE	29VDC
PROTECTION	Thermal Shutdown Battery Temp. Compensation

### Status & Control signals:

INTERFACE	UDP(Ethernet)
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### General Specifications:

OPERATING TEMP	-30 °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	FAN cooling
VIBRATION	5-100Hz, 0.1G, 0.1oct/min(3 axes)
RELIABILITY	100,000 Hrs MTBF
ALTITUDE	-200~13,000 Feet
SIZE(W×D×H)	650 × 740 × 1120mm

### Electromagnetic Compatibility:

EMISSIONS	EN55022 Level B (Conducted)
ELECTROSTATIC	EN61000-4-2,
DISCHARGE	8KV Contact / 15KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, class 2
EFT/BURSTS	EN61000-4-4, level 2
SURGE	EN61000-4-5, level x
CONDUCTED IMMUNITY	EN61000-4-6, level 2

### Standards & Approvals: TBD

UL/CUL
CE MARK
TELCORDIA