

SRRH-2500SB

Outdoor Power Cabinet with Battery Shelf
+27.0VDC / 20A Output

Product Features:

- Wall or Pole Mount Type
- Battery Charger and Monitor
- Full Featured Status and Alarms
- UDP(Ethernet)
- IP55 Grade



Input Specifications:

VOLTAGE	1Ø220VAC (±20%)
FREQUENCY	47-63Hz
INRUSH	40A @ 220VAC(Max Cold Start)
CURRENT	3.0A @ 220VAC(Max Continuous)
PROTECTION	Double pole 10A Fuse / 250VAC
LEAKAGE	3.0mA Max @ 264VAC per Module
EFFICIENCY	88% Typical
HARMONICS	EN61000-3-2 Class D Compliant (>95PF)
PROTECTION	Input Under voltage, Overvoltage

Output Specifications:

Vout	+27.0VDC
Iout	20Amax
ADJUSTMENT RANGE	+21VDC~+30VDC
LINE REGULATION	±5.0% Max over entire input range
LOAD REGULATION	±5.0% Maximum
TEMP REGULATION	±1.0% Maximum
RIPPLE	≤ 250mVp-p(10Hz~14MHz)
SETPOINT ACCURACY	±1.0%
OVER CURRENT	105~130%
OVER VOLTAGE	+31.0VDC(recycle input to reset)
PROTECTION	Thermal Shutdown Battery Temperature Compensation

Status & Control signals:

DC OK	High Signal indicates DC Output is on and within regulation
INTERFACE	UDP(Ethernet)

General Specifications:

OPERATING TEMP	-30℃ to +50℃
STORAGE TEMP	-40℃ to +85℃
OPERATING HUMIDITY	5% to 95% (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)	320 × 200 × 630mm

Electromagnetic Compatibility:

EMISSIONS	EN55022 Level A (Conducted)
ELECTROSTATIC DISCHARGE	EN61000-4-2, 8KV Contact / 15KV 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: TBD

UL/CUL	60950-1
CE MARK	Low Voltage Directive
TELCORDIA	Nebs Compliant (Level3)