

SRRH-4500

Outdoor Power Cabinet with Battery Shelf

-54.0VDC / 10A Output

Product Features:

- Wall Mount Type
- Battery Charger and Monitor
- RS485 Serial Interface
- IP55 Grade



Input Specifications:

VOLTAGE	1Ø220VAC (±20%)
FREQUENCY	47-63Hz
INRUSH	40A @ 220AVC(Max Cold Start) per Module
CURRENT	3.0A @ 220VAC(Max Continuous) per Module
PROTECTION	Double pole 5A Fuse / 250VAC per Module
LEAKAGE	3.5mA Max @ 264VAC per Module
EFFICIENCY	88% Typical
HARMONICS	EN61000-3-2 Class D Compliant (>95PF)
PROTECTION	Input Under voltage, Overvoltage

Output Specifications:

Vout	-54.0VDC
Iout	10Amax
ADJUSTMENT RANGE	-42VDC~-58VDC
LINE REGULATION	±1.0% Max over entire input range
LOAD REGULATION	±1.0% Maximum
TEMP REGULATION	±0.05% Maximum
RIPPLE	≤ 250mVp-p(10Hz~14MHz)
SETPOINT ACCURACY	±1.0%
OVER CURRENT	105~130%
OVER VOLTAGE	-58VDC(recycle input to reset)
PROTECTION	Thermal Shutdown Battery Temp. Compensation

Status & Control signals:

INTERFACE	RS485
-----------	-------

General Specifications:

OPERATING TEMP	-30 °C to +50 °C
STORAGE TEMP	-40 °C to +85 °C
OPERATING HUMIDITY	5% to 90% (Non-Condensing)
STORAGE HUMIDITY	5% to 95% (Non-Condensing)
COOLING	Convection cooling
VIBRATION	5-100Hz, 0.1G, 0.1 oct/min(3 axes)
RELIABILITY	100,000 Hrs MTBF
ALTITUDE	-200~13,000 Feet
SIZE(W×D×H)	420 × 240 × 580mm

Electromagnetic Compatibility:

EMISSIONS	EN55022 Level B (Conducted)
ELECTROSTATIC DISCHARGE	EN61000-4-2, 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