

NORS-415

Outdoor Power Cabinet with Battery Shelf -54.0VDC / 15A Output

Product Features:

- Wall or Pole Mount Type
- Modular design for accommodating high power applications and easy maintenance
- Using lead storage Battery(12V/4AH X 4Cell)
- Battery Charger and Monitor
- Full Featured Status and Alarms (dry contact)
- Convection Cooling Type (no fan)



Input Specifications:

VOLTAGE	1Ø220VAC (±20%)
FREQUENCY	47~63Hz
INRUSH CURRENT	30A @ 220AVC(Max Cold Start) per Module
PROTECTION	Mains fuse in both lines
LEAKAGE	3.0mA Max @ 220VAC
EFFICIENCY	≥90% Typical
HARMONICS	EN61000-3-2 Class D Compliant (≥98PF)
PROTECTION	Input Under voltage, Overvoltage

Output Specifications:

Vout	-54.0VDC
Iout	15Amax
ADJUSTMENT RANGE	-42VDC~57VDC
LINE REGULATION	±1.0% Max over entire input range
LOAD REGULATION	±1.0% Maximum
TEMP REGULATION	±2.0% Maximum
RIPPLE	≤ 250mVp-p(10Hz~14MHz)
SETPOINT ACCURACY	±1.0%
OVER CURRENT	105~130%
OVER VOLTAGE PROTECTION	-58VDC(recycle input to reset) Battery Thermal Compensation Battery Over Discharge

Status & Control signals:

COMMUNICATION INTERFACE Dry Contact(4Ports) : Normal Open

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	Convection cooling
VIBRATION	10-55Hz, 2G, 3min period/60 min each(3 axes)
SHOCK	20G Peak Acceleration
RELIABILITY	100,000 Hrs MTBF
ALTITUDE	0~10,000 Feet
SIZE(W×D×H)	260 × 220 × 580mm(Power Cabinet)
WEIGHT	21.0Kg(Include Module, Battery)

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

Standards & Approvals : TBD

UL/CUL 60950-1



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