

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 Alarm
- Convection Cooling Type (no fan)



INPUT SPECIFICATIONS:

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

OUTPUT SPECIFICATIONS:

OUTPUT VOLTAGE	-54.0VDC
OUTPUT CURRENT	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	≤ 250m Vp-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
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GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE	-30°C to +50°C
STORAGE TEMPERATURE	-40°C to +85°C
OPERATING HUMIDITY	10% ~ 90% (non-condensing)
STORAGE HUMIDITY	5% ~ 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 (WxDxH)	260 x 220 x 580 mm (Power Cabinet)
WEIGHT	21.0G (Includes Module, Battery)

ELECTROMAGNETIC COMPATIBILITY:

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

STANDARDS & APPROVAL: TBD

UL/cUL	IEC/UL 60950-1
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