

Outdoor Power Cabinet without Battery -53.3VDC / 30A Output



PRODUCT FEATURES:

- **Wall or Pole Mount Type**
- **Full Featured Status and Alarms**
- **Dry Contact Alarm**
- **IP55 Grade**
- **LED Alarm Indicators**
- **Convection Cooling Type (no fan)**

INPUT SPECIFICATIONS:

VOLTAGE	1Ø220VAC (±20%)
FREQUENCY	47Hz ~ 63 Hz
INRUSH	20A @ 220VAC Full Load (Max Cold Start)
CURRENT	10.0A @ 220VAC (Max Continuous)
PROTECTION	Double pole 15A Fuse / 250VAC per Module
LEAKAGE	3.5mA Max @ 264VAC per Module
INPUT PROTECTION	Input Undervoltage; Output Overvoltage
EFFICIENCY	90% typical
HARMONICS	EN61000-3-2 Class D Compliant (>98PF)

OUTPUT SPECIFICATIONS:

OUTPUT VOLTAGE	-53.3VDC
OUTPUT CURRENT	30Amax
ADJUSTMENT RANGE	-40VDC ~ -58VDC
LINE REGULATION	±0.5% Max over entire input range
LOAD REGULATION	±0.5% Maximum
TEMP REGULATION	±0.5% Maximum
RIPPLE	≤ 250m Vp-p (10Hz~14MHz)
SETPOINT ACCURACY	±0.5%
OVER-CURRENT	105~130%
OVER VOLTAGE PROTECTION	-59VDC (recycle input to reset) Thermal Shutdown Battery Temp. Compensation

STATUS & CONTROL SIGNALS:

COMMUNICATION	High Signal indicates DC Output is on and within regulation
INTERFACE	RS485, TCP/IP

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	150,000 Hrs MTBF
ALTITUDE	0~10,000 Feet
SIZE (WxDxH)	250 x 232 x 362 mm (Rectifier)

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
FLUCTUATIONS & FLICKER	EN61000-3-3

STANDARDS & APPROVAL: TBD

UL/cUL	IEC/UL 60950-1
CE MARK	Low Voltage Directive
TELCORDIA	NEBS Compliant (Level 3)

