800W Rectifier Module
-54VDC / 800W

**PRODUCT FEATURES:**
- Wall or Pole Mount Type
- Modular design for accommodating high power applications and easy maintenance
- IP55 Grade
- Full Featured Status and Alarms (dry contact)
- Convection Cooling Type (no fan)

**INPUT SPECIFICATIONS:**
- **VOLTAGE:** 10220VAC (85VAC ~ 296VAC) (Nominal 185~265Vac)
- **FREQUENCY:** 45-66Hz
- **INRUSH CURRENT:** 40A @ 220AVC
- **PROTECTION:** Mains fuse in both lines
- **LEAKAGE:** 3.5mA Max @ 220VAC
- **EFFICIENCY:** 95.5% Max
- **POWER FACTOR:** > 0.98 at 50% load or more
- **PROTECTION:** Input Under voltage, Over voltage

**OUTPUT SPECIFICATIONS:**
- **OUTPUT VOLTAGE:** -54.0VDC
- **OUTPUT CURRENT:** 15A (Max 800W)
- **ADJUSTMENT RANGE:** -42.0 -- 58.0VDC
- **LINE REGULATION:** ±0.5% Max over entire input range
- **LOAD REGULATION:** ±0.5% Maximum
- **TEMP REGULATION:** ±0.5% Maximum
- **OVERALL REGULATION:** ±5.0% Maximum
- **RIPPLE & NOISE:** ≤ 300mVp-p, ≤ 2mVrms
- **SETPOINT ACCURACY:** ±0.5%
- **OVER VOLTAGE PROTECTION:** 58.5VDC (recycle input to reset)
- **0V, Thermal Shutdown**

**STATUS & CONTROL SIGNALS:**
- **COMMUNICATION:** CAN

**GENERAL SPECIFICATIONS:**
- **OPERATING TEMPERATURE:** -40°C to +60°C
- **STORAGE TEMPERATURE:** -40°C to +85°C
- **OPERATING HUMIDITY:** 0% to 95% (Non-Condensing)
- **STORAGE HUMIDITY:** 5% to 95% (Non-Condensing)
- **COOLING:** Convection cooling
- **ACOUSTIC NOISE:** < 45dBA (Nominal input, full load, Ta > 40°C)
- **VIBRATION:** 10-55Hz, 2G, 3min period/60 min each (3 axes)
- **SHOCK:** 20G Peak Acceleration
- **RELIABILITY:** >350,000 Hrs MTBF (Ambient : 25°C)
- **SIZE (WxDxH):** 136 x 65 x 391mm
- **WEIGHT:** 4.5kg (9.92lbs)

**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
- **FLUCTUATIONS & FLICKER:** EN61000-3-3

**STANDARDS & APPROVALS:** PENDING

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SLTE-415N RECTIFIERS

OUTLINE DRAWING:

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