

REV: 032119

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	1Ø220VAC (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	≤ 300m Vp-p, ≤ 2mVrms
SETPOINT ACCURACY	±0.5%
OVER VOLTAGE PROTECTION	58.5VDC(recycle input to reset) OV, Thermal Shutdown

STATUS & CONTROL SIGNALS:

COMMUNICATION	CAN
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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

UL, CE, CB



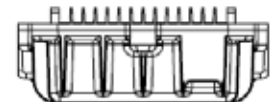
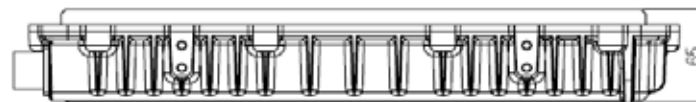
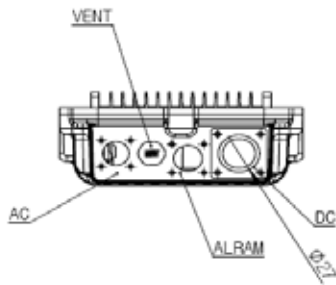
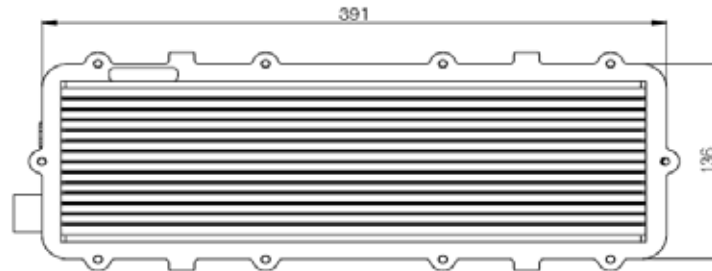
SLTE-415N RECTIFIERS

the
POWER
you need

HIGH EFFICIENCY RECTIFIER MODULE

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OUTLINE DRAWING:



DONGAH ELECOMM
WWW.DONGAHUSA.COM

DongAh Elecomm USA
275 W. Campbell Road, Suite 320
Richardson TX 75080

Phone: (972) 497-9990
Fax: (972) 497-9991
sales@dongahusa.com

DongAh Elecomm Corp.
167 Namgok-ri, Yangji-myun,
Yongin-si Kyunggi-do 449-820 Korea

Phone: 82-31-330-5500
Fax: 82-31-330-9040
sales@dongahelecomm.co.kr