

NESPACE48-3K(H) HE RECTIFIER

(3KW Rectifier Module)

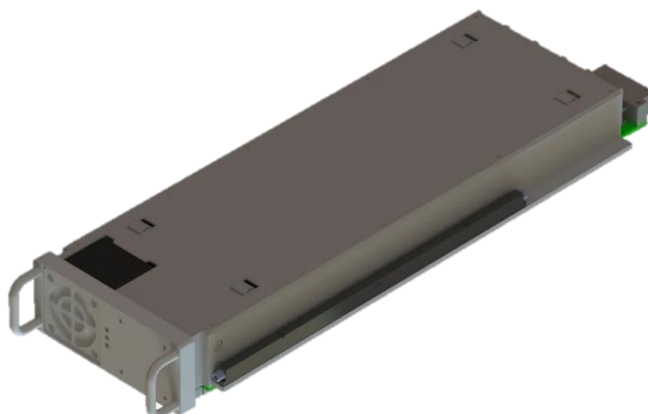
the
POWER
you need

Rectifier Module
270VDC / 3000W

NESPACE48-3K(H)

Product Features:

- Modular Design
- 1U Rack Mountable
- DSP Controller
- LED alarm indicated
- Energy saving operation
- Constant electric power control



Input Specifications:

VOLTAGE	1Ø230VAC (85VAC ~ 296VAC) (Nominal 176~275Vac)
FREQUENCY	45-66Hz
INRUSH CURRENT	25A @ 230AVC
PROTECTION	Mains fuse in both lines
LEAKAGE	3.5mA Max @ 230VAC
EFFICIENCY	95% Typical (40~60% Load)
POWER FACTOR	> 0.98 at 50% load or more
PROTECTION	Input Under voltage, Overvoltage

Output Specifications:

OUTPUT VOLTAGE	270.0VDC
OUTPUT CURRENT	11.1A (Max 3KW)
LINE REGULATION	±0.5% Max over entire input range
LOAD REGULATION	±1.5% Maximum
TEMP REGULATION	±1.0% Maximum
RIPPLE & NOISE	≤ 1.5Vp-p, ≤ 1.0Vrms
PROTECTION	Power derated, Thermal Shutdown

General Specifications:

OPERATING TEMP	-35°C to +75°C, (Derating above +45°C)
STORAGE TEMP	-35°C to +85°C
OPERATING HUMIDITY	0% to 95% (Non-Condensing)
STORAGE HUMIDITY	5% to 95% (Non-Condensing)
COOLING	Controlled Fan in a module
ACOUSTIC NOISE	< 60dBA(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(W×D×H)	124mm × 330mm × 44.2mm
WEIGHT	2.50kg(5.5lbs)

Electromagnetic Compatibility:

ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact / 8KV Air
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

Status & Control signals:

COMMUNICATION	CAN
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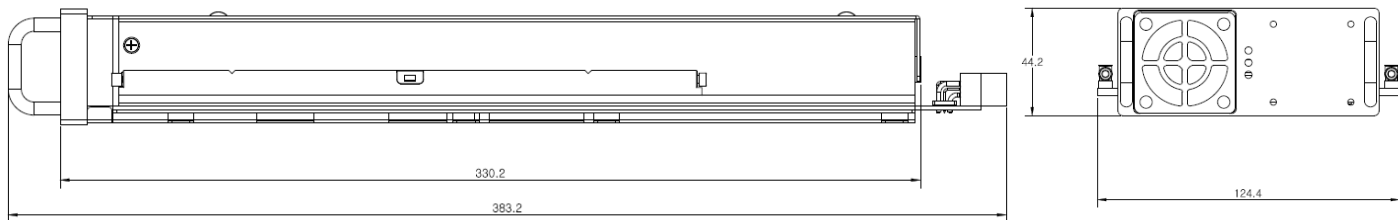
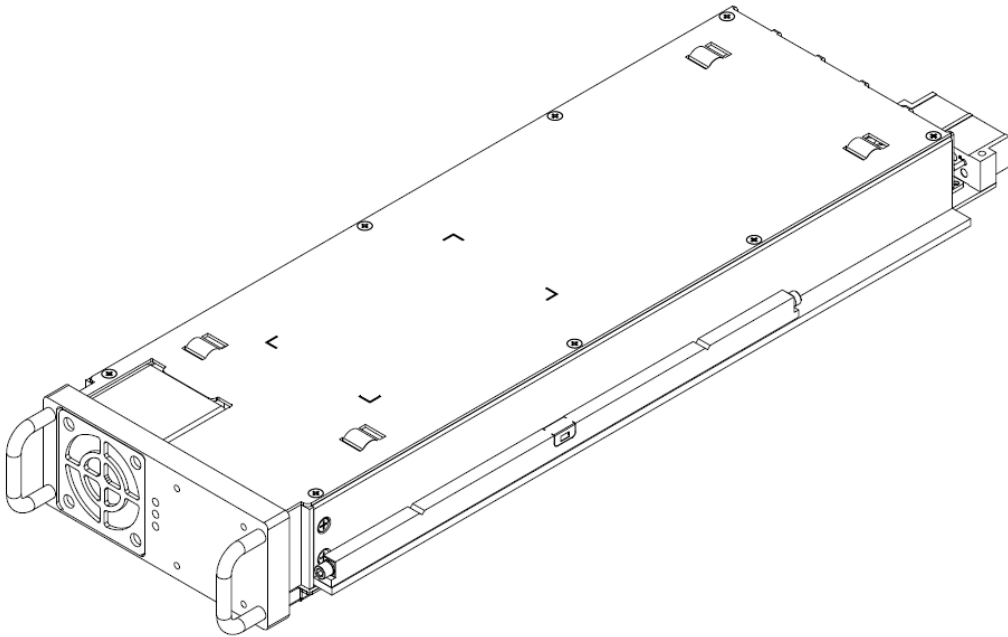
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OUTLINE DRAWING



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