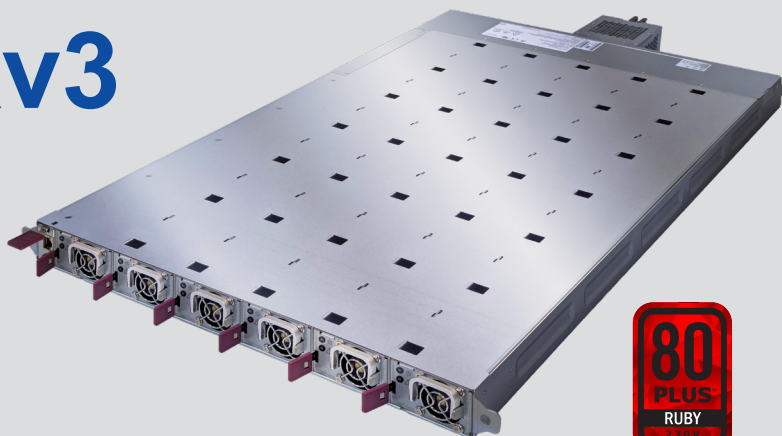


19" 33kW ORv3 Power Shelf

CPR-3331-1A1

For Both NVIDIA & OCP Racks



KEY FEATURES

- Peak Efficiency: 96.5%
- Power Module:
 - 5.5kW x 6 PSU (Minimum redundancy: N+1)
 - Max output: 33kW (6+0) / 27.5kW (5+1)
 - EDPP: Up to 180%
- Peak Load Capability:
 - ≤180% of rated power, ≤0.5ms
 - ≤150% of rated power, ≤50ms
 - 100% of rated power, continuous
- Multiple Shelf Support (Shelf to Shelf):
 - Power Shelf ↔ Power Shelf (Up to 8 shelves)
 - Power Shelf ↔ BBU Shelf
- One PMC with integrated BMC (ASPEED 2620) provides communication and connectivity for the power shelf, BBU shelf, power supplies, and BBU modules.
- Highly accurate droop + active current sharing
- Direct connection to tap-box/facility – no intermediate PDU

INPUT

Voltage	AC input: 200 - 277V L-N 346 - 480V L-L(3W+N+PE)
Frequency	50 - 60Hz

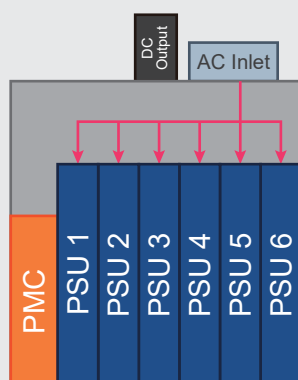
OUTPUT

Parameter	50Vdc / 660A
Max Power	33kW
Ripple & Noise	500mVp-p

ENVIRONMENTAL

Temperature	Operating : -5°C to 45°C Non-operating : -40 to 70°C
Altitude	Operating: 0 to 3,050 meters (10,000 feet) Non-operating: 0 to 10000 meters
Relative Humidity	Operating & Storage: 10% - 90% RH, non-condensing

BASIC SPECIFICATIONS



1RU Height, 19" Width
 6 x 5.5kW PSU
 1 x PMC with RJ45 Port
 2 x Rear RJ45 Port
 1 x AC Input

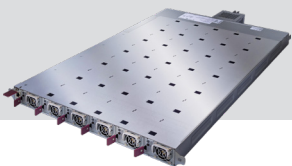
Dimensions

840 x 448 x 43.6 mm (D x W x H)

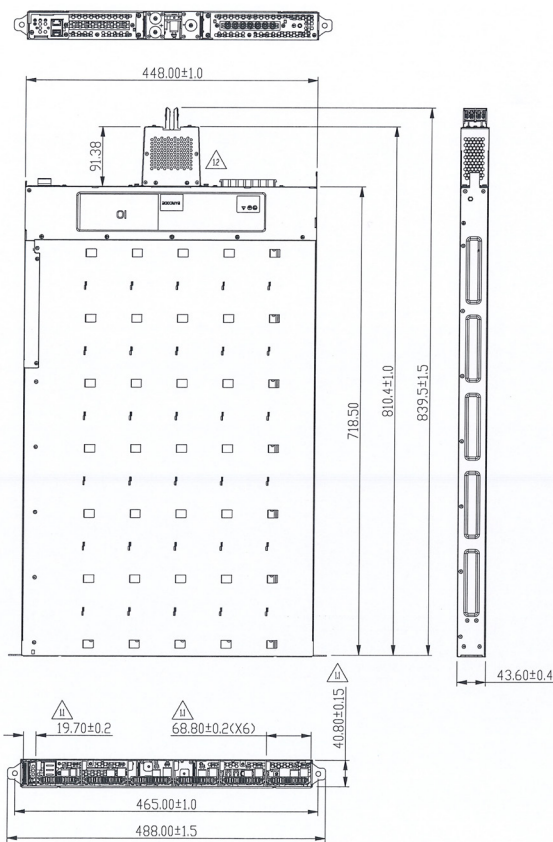
Warranty

3 Years

CPR-3331-1A1



MECHANICAL DRAWING



CONNECTORS

POWER SHELF DAISY CHAIN (RJ45 X 2)

Up to 8 Shelves

AC INLET

7-pin connector, supports star, delta, or single-phase configurations

Pin: 7 6 5 4 3 2 1
N L3 N G L2 N L1

AC INPUT EXAMPLE: STAR WIRE CONFIGURATION

North America			Europe		
L1	Pin1	AC Input Pair 1	L1	Pin1	AC Input Pair 1
	Pin2			Pin2	
L2	Pin3	AC Input Pair 2	L2	Pin3	AC Input Pair 2
G	Pin4	Protective Earth	G	Pin4	Protective Earth
L3	Pin5	AC Input Pair 2	L3	Pin5	AC Input Pair 2
N	Pin6	AC Input Pair 3	L3	Pin6	AC Input Pair 3
	Pin7			Pin7	



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