

Notes

1. EBM Cabinet can be placed on left or right of the UPS Chassis
2. EBM connector cable is approximately 84" in length
3. Structures shown with floor anchor kits installed
4. Up to four EBM cabinets can be added per UPS
5. Drawing typical of both connected and basic EBM option

Input Requirements

- 4 Wire: L1,L2,N,G
- 110/220V,120/208V,120/240V,127/220V
- 60 Hz

UPS Clearances

- Sides: 6"
- Top: 12"
- Front: 36"

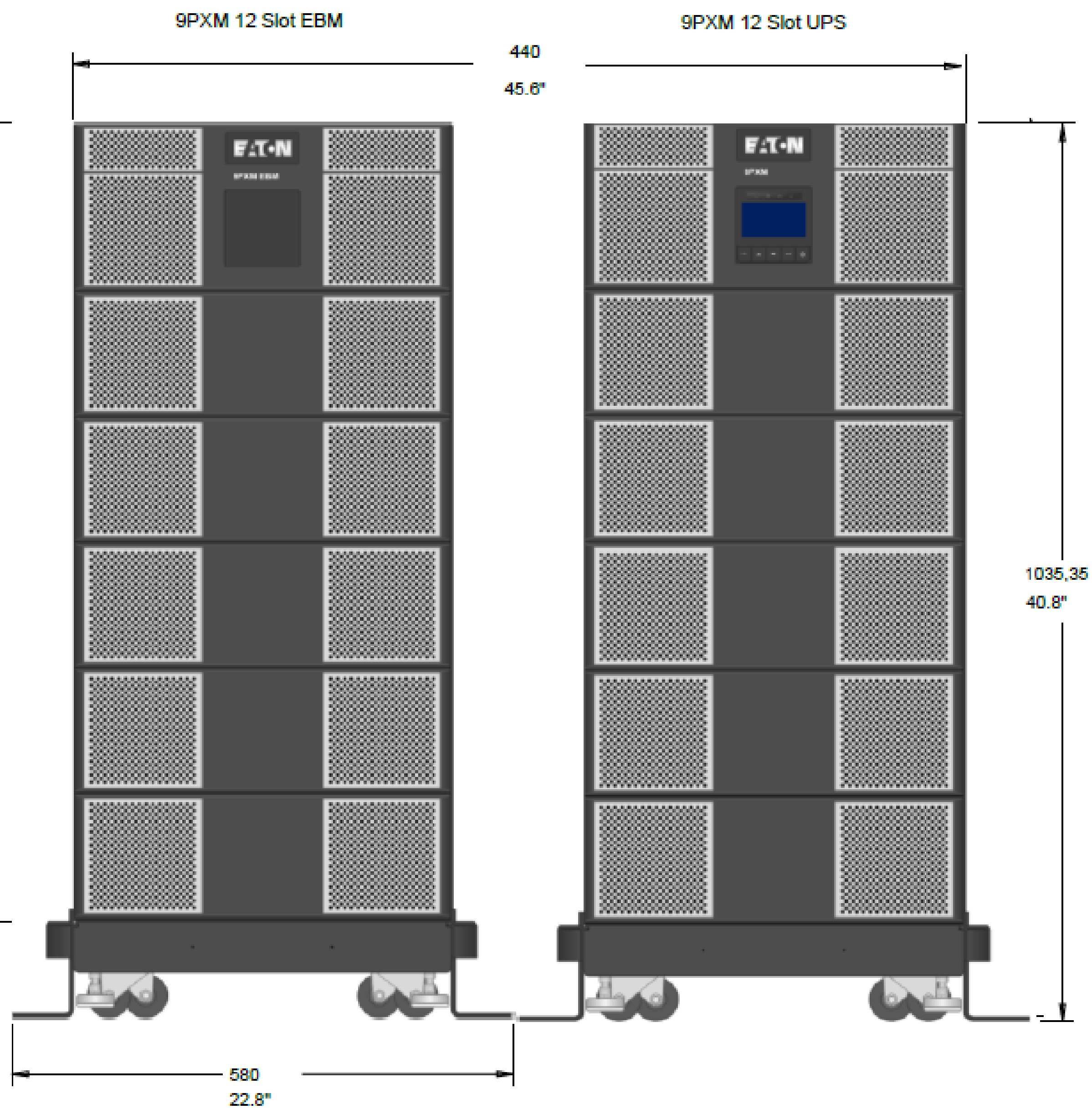
Heat Rejection

- 4 kVA / 3.6 kW: 850 BTU/hr
- 8 kVA / 7.2 kW: 1700 BTU/hr
- 12 kVA / 10.8 kW: 2500 BTU/hr
- 16 kVA / 14.4 kW: 3400 BTU/hr
- 20 kVA / 18 kW: 4250 BTU/hr

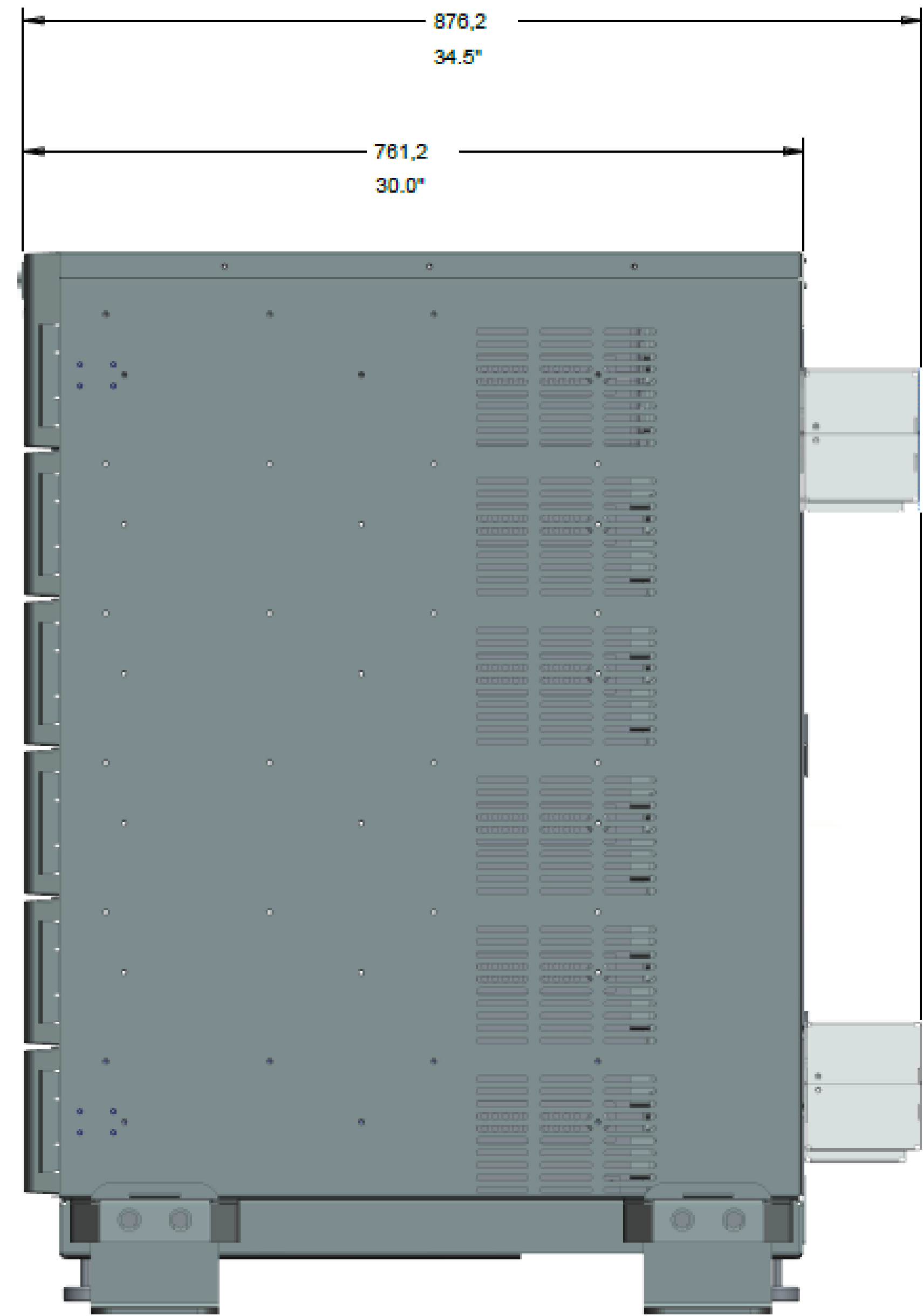
Charging

- (1) Power Module up to (11) Batt. Modules
- (1) Super Charger up to (44) Batt. Modules
- If Super Charger is placed in EBM, additional (non-ups supported) split phase input circuit required.

**See manual for additional detail



FRONT



RIGHT

UPS Capacity	Input Circuit breaker Rating	75°C Copper Wire Size
4kVA	25A	5.3 mm ² (10 AWG)
8kVA	50A	8.4 mm ² (8 AWG)
12kVA	80A	21.2 mm ² (4 AWG)
16kVA	100A	33.6 mm ² (2 AWG)
20kVA	125A	42.1 mm ² (1 AWG)

Operating Temperature	0°C to 40°C (32°F to 104°F) Optimal battery performance: 25°C (77°F)
Storage Temperature	UPS with battery modules: -20°C to +40°C (-4°F to 104°F) UPS without batteries: -40°C to +60°C (-40°F to 140°F)
Relative Humidity	5-95% noncondensing
Operating Altitude	Up to 3,050 meters above sea level (10,000 ft) The maximum operating ambient temperature decreases 1°C per 300m above 1525m (2°F per 1000 ft above 5000 ft)

If you are installing an optional super charger module in the UPS, then it is the same as a power module with the proper input circuit breaker sizes and ratings.

METRIC	THIRD ANGLE PROJECTION	NAME (PART NUMBER)	REVISION	EAT-N
DESCRIPTION: UPS with One EBM_12 Slot Chassis		9PXM 12 Slot UPS & EBM	01	
ORIGINATED BY: Davis_S	08/05/2020	SEE NOTES FOR TOLERANCES DIM ARE IN MM (INCHES) AFTER PLATING INTERPRET DIM AND TOL PER ASME Y14.5-2018	STATE: Release	SCALE: 0.250
MODIFIED BY:		ECO: XXXXXX		SHEET: 1 OF 1

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