

Requester's Contact Information:

Name	Company
Email/ Phone	Address/ Zip Code

Please list the country where this equipment will be installed:

What type of DC power products do you need quoted (select all applicable):

- | | | |
|--|--|---|
| <input type="checkbox"/> 48V DC power systems | <input type="checkbox"/> Mini systems (10 A to 120 A) | <input type="checkbox"/> DC converters |
| <input type="checkbox"/> 24V DC power systems
(medium systems only) | <input type="checkbox"/> Small systems (40 A to 600 A) | <input type="checkbox"/> DC distribution bays |
| | <input type="checkbox"/> Medium systems (50 A to 4,000 A) | <input type="checkbox"/> DC monitoring |
| | <input type="checkbox"/> Large systems (1,000 A to 20,000 A) | <input type="checkbox"/> DC inverters |

Tell us about the network / application in which the system will be used and quantities needed:

Please **SAVE** this form to your desktop.

Then submit the completed form to: AccountManagement.ESNA@Vertiv.com

24V or 48V DC Power Systems and Distribution Bays

NOTE: Questions 1 to 19 apply to 24V and 48V DC power systems and distribution bays only.

1 What is the required power plant/application system voltage? <input type="checkbox"/> +24 VDC (medium systems only) <input type="checkbox"/> -48 VDC	4 Secondary system voltage required? <input type="checkbox"/> Yes <input type="checkbox"/> No
2 What is the initial and ultimate system current (amps) required? Initial Capacity * _____ Amps Ultimate Capacity ** _____ Amps	Some applications require a second DC voltage to power equipment with a voltage other than the primary voltage. (i.e. cellular radio site with +24 VDC primary voltage and -48 VDC for microwave equipment power) YES Indicate voltage: <input type="checkbox"/> +24 VDC <input type="checkbox"/> -48 VDC
3 Does the system require N+1 redundancy? <input type="checkbox"/> Yes <input type="checkbox"/> No Rectifier redundancy (N+1) allows for continuous, uninterrupted system operation in the event of a failure of one rectifier.	5 Initial and ultimate current (amps) required by secondary loads? Initial Capacity * _____ Amps Ultimate Capacity ** _____ Amps

* Initial current determines quantity of rectifiers/converters required.

** Ultimate current determines rectifier/converter system capacity for future growth.

6 Is converter redundancy required?
 Yes No

Redundancy of converters (N+1) allows for continuous, uninterrupted operation of the secondary system loads in the event of a failure of one converter.

7 Is battery backup required?
 Yes No

Battery backup assures continuous operation during AC power failure.

YES What type of battery is needed?
 Flooded VRLA Other

Flooded cells are frequently found in manned sites (Central Offices); Valve Regulated Lead Acid (VRLA) cells are more common in unmanned sites.

Mounting? Relay Rack Battery Rack Enclosure

If an enclosure is required, we will contact you to discuss options.

Reserve Time Required: _____ Hours

Recharge Time: _____ Hours

Actual Load: _____ Amps

Number of Battery Plants: _____ Quantity

Final Volts Per Cell (VPC): _____ Volts

Lowest voltage load accepts with voltage drops.

Battery manufacturer preference (if any): _____

8 What type, capacity and quantity of distribution is required?
 List quantity and capacity for each fuse and/or breaker.

<input type="checkbox"/> Fuse	<input type="checkbox"/> Breaker	Trip Preference ***	
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Quantity	Capacity (Amps)	Electro/ Mechanical	Electrical Only
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9 If a secondary voltage was indicated, and distribution is desired for the secondary voltage, indicate below.

<input type="checkbox"/> Fuse	<input type="checkbox"/> Breaker	Trip Preference ***	
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Quantity	Capacity (Amps)	Electro/ Mechanical	Electrical Only
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10 Is low voltage disconnect (LVD) required?
 Yes No

LVD protects battery plants from being too deeply discharged during AC power failures by disconnecting batteries from the load just before reaching final voltage. LVD can be wired into the load circuit (LVLD) or into the battery circuit (LVBD).

Installed as: LVLD LVBD

11 Is battery disconnect required?
 Yes No

Disconnect may be desired if battery isolation is required during maintenance.

Type of Battery Disconnect? Fuse Breaker _____ Amps

12 What type and phase of AC power service is available?

Single Phase 120 VAC 208 VAC 240 VAC

Three Phase 208 VAC 380 VAC 480 VAC

13 Are -48 VDC inverters needed?

No 120 VAC 208/240 VAC _____ KVA?

14 What mounting width is desired?

19-in. (mini and small systems only) 23-in.

15 What framework height is desired?

7-ft. rack Outdoor Enclosure Other None

If 'Other' or 'Outdoor Enclosure' is selected, we will contact you to discuss options.

16 How many sq. ft. of floor space is available in the power room for...

_____ Batteries _____ Equip.

17 Is Zone 4 seismic rating required?

Yes No

18 Is front access required?

Yes No

Front access, versus rear access, is needed when mounting restricts access to the back of the power system.

19 What is the ambient temperature range for the application?

_____ °C to _____ °C

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*** If no preference is indicated, standard Electro/Mechanical trip will be provided.