



The distance between UPS host and battery cabinet

This PDF is generated from: <https://www.voxverse.biz/Sat-02-Oct-2021-29108.html>

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Generated on: 2026-05-24 18:31:19

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In a properly designed facility, battery rooms will be isolated from each other, other equipment areas (UPS modules, electrical switchgear, etc.) and people spaces by a two hour fire rated wall.

If the distance between the load and the UPS is greater, we must take into account the voltage drop based on the length of the cable and take ...

NOTE: The distance between the modular battery cabinet (s) and the UPS must not exceed 100 m. Contact Schneider Electric for installations with a longer distance.

Working space shall be measured from the edge of the battery cabinet, racks, or trays. For battery racks, there shall be a minimum clearance of 25 mm (1 in.) ...

Reserve a clearance of at least 500 mm from the top of the cabinet for operations. Reserve a clearance of at least 500 mm from the rear of the cabinets for ventilation. If the UPS will be operated from the ...

The battery cabinet has a maximum voltage of 575VDC and a max current of 511 amps. My thoughts are to install 2 individual 2" conduits between the battery storage and the UPS.

Ideally, the temperature where your UPS is kept should not >exceed 75#176; F (24#176; C). Also, for ventilation purposes, leave roughly one to two inches on each side for proper airflow.

Clearances This table below lists minimum clearances for indoor primary and power cabinets to an adjacent building or parts/cabinets.

The UPS cabinets use forced air cooling to regulate internal component temperature. Air inlets are in the front of the cabinet and outlets are in the top. Allow clearance in front of and above each cabinet for ...



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