

# **How to connect the battery cabinet to the DC power supply**





## Overview

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How do I connect a battery cabinet to an ups?

Connect the DC+ and DC- cables to the DC+ and DC- terminals. Connect the power cables in the UPS. If more battery cabinets are part of the solution, connect all battery cabinets to the UPS according to the diagram below.

How do I connect a battery cabinet to a power system?

Procedure 1. Furnished with the battery cabinet are battery disconnect circuit breaker alarm lead assemblies. Refer to the power system installation manual to use these alarm leads to connect the battery cabinet battery disconnect circuit breaker alarm into the power system alarm circuits.

How do I connect a DC+ & DC- cable?

Connect the DC+ and DC- cables to the DC+ and DC- terminals. Connect the PE cable to the PE terminal/Connect the EGC cable to the grounding terminal. For installations with two hole cable lugs only, temporarily remove the protection cover. NOTE: The protection cover must be reinstalled when the DC- cable has been connected.

How do I install a VDC battery cabinet?

Set first battery in cabinet and attach the long lead (fast-on connector side marked positive) from the cabinet to the fast-on terminal on the positive terminal of the battery. See Figure 24. Facing left Facing right Facing left  
Vertiv™ NetSure™ 211 SERIES -48 VDC Battery Cabinet Installation & User Manual (Section 6023) Rev. L 23 Figure 24:



## How to connect the battery cabinet to the DC power supply



### batteries

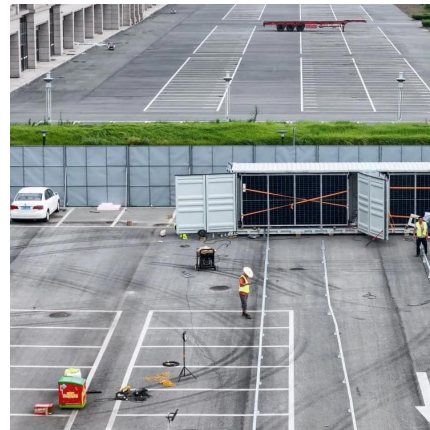
The battery may discharge to a low voltage and the power supply will charge the battery instead of providing enough power to the inverter. This connection may overcharge the ...

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### batteries

The battery may discharge to a low voltage and the power supply will charge the battery instead of providing enough power to the inverter. This connection may overcharge the battery in the long run. The ...

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It mainly consists of power supply into the system, power supply two-way mutual referral system, charger control system, charger, DC distribution system, insulation monitoring ...

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**Routing DC Cables to the Inverter or DC Distributor in the Battery Cabinet**

Lead the DC cable with black connector from the supplied DC connector set starting from the CHARGER- connection to the chosen brush opening and out of the battery ...

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**Connect the Cables between the SMPS AC/DC Converter and the Battery**

For more battery cabinets: Repeat steps 5,6,7 for battery cabinet 3-10 (up to 10 battery cabinets in the daisy chain). Optional: In the last battery cabinet in the daisy chain: Connect a cable (not ...

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Connect the power system's battery cable terminated in an Anderson connector to the first battery cabinet's battery cable terminated in a mating Anderson connector.

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**Connect the Power Cables**

Route the power cables through the gland plate and connect to the terminals: Connect the PE cable to the PE terminal/Connect the EGC cable to the grounding terminal. For installations ...

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B. The most important aspect of installing a UPS power supply is connecting the batteries. The key to connecting the batteries is to link the positive terminal to the negative ...

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[Simple installation manual of DC cabinet](#)

Simple installation manual of DC cabinet 1. Basic components The DC cabinet mainly collects and distributes current to each battery cluster to realize charge and discharge ...

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