

Technical Product Notes

Inverter Battery Terminal Connection

DATE CREATED:

12/8/2025

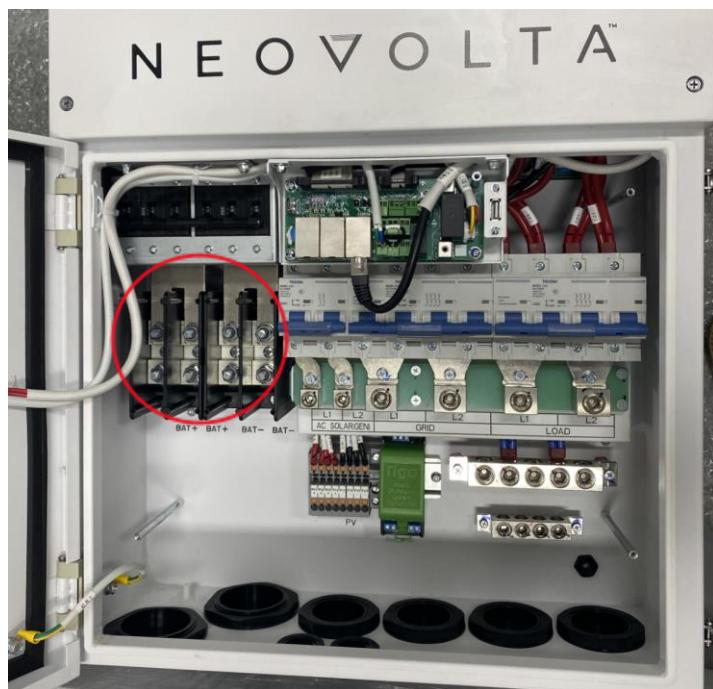
TN NUMBER:

TN-NV16KAC-005

PREPARED BY:

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To achieve the full charge and discharge capacity on the **NV12KAC** and **NV16KAC Hybrid Inverters**, both sets of positive (POS) and negative (NEG) battery terminals must be used.

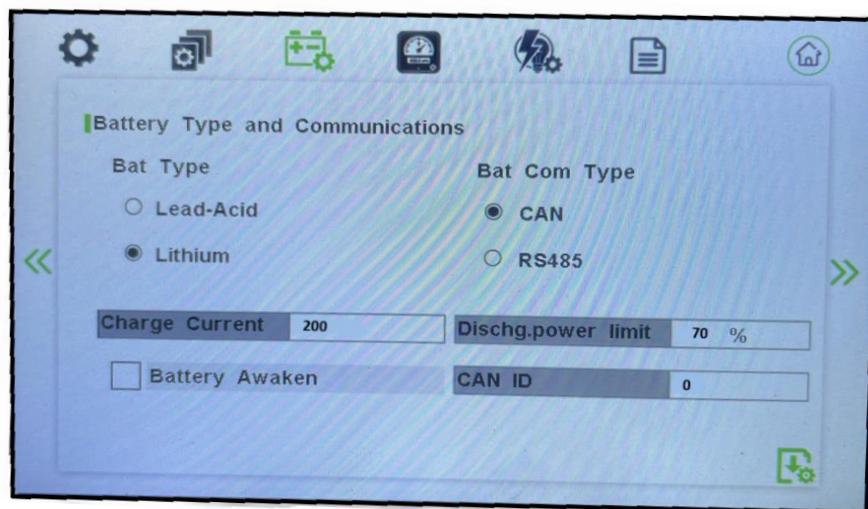


If only one set of terminals is connected, the maximum allowable DC charge and discharge current is limited to **200 A**. In this case, the installer must manually adjust the inverter settings to reduce the maximum charge and discharge current. Failure to make these adjustments can result in excessive current flow, causing terminal overheating and potential damage.

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To adjust the Charge and Discharge values in the inverter settings:

1. Open the inverter settings by clicking the **Gear icon** in the upper-left corner.
2. Enter **11111** as the access code and confirm.
3. Select the **Battery icon** (third icon from the left).
4. Set **Charge Current** to **200 A**.
5. Set **Discharge Power Limit** to **70%**.



Version	Revision Date	Brief Description of Change
V1.0	12/12/2025	Document Published