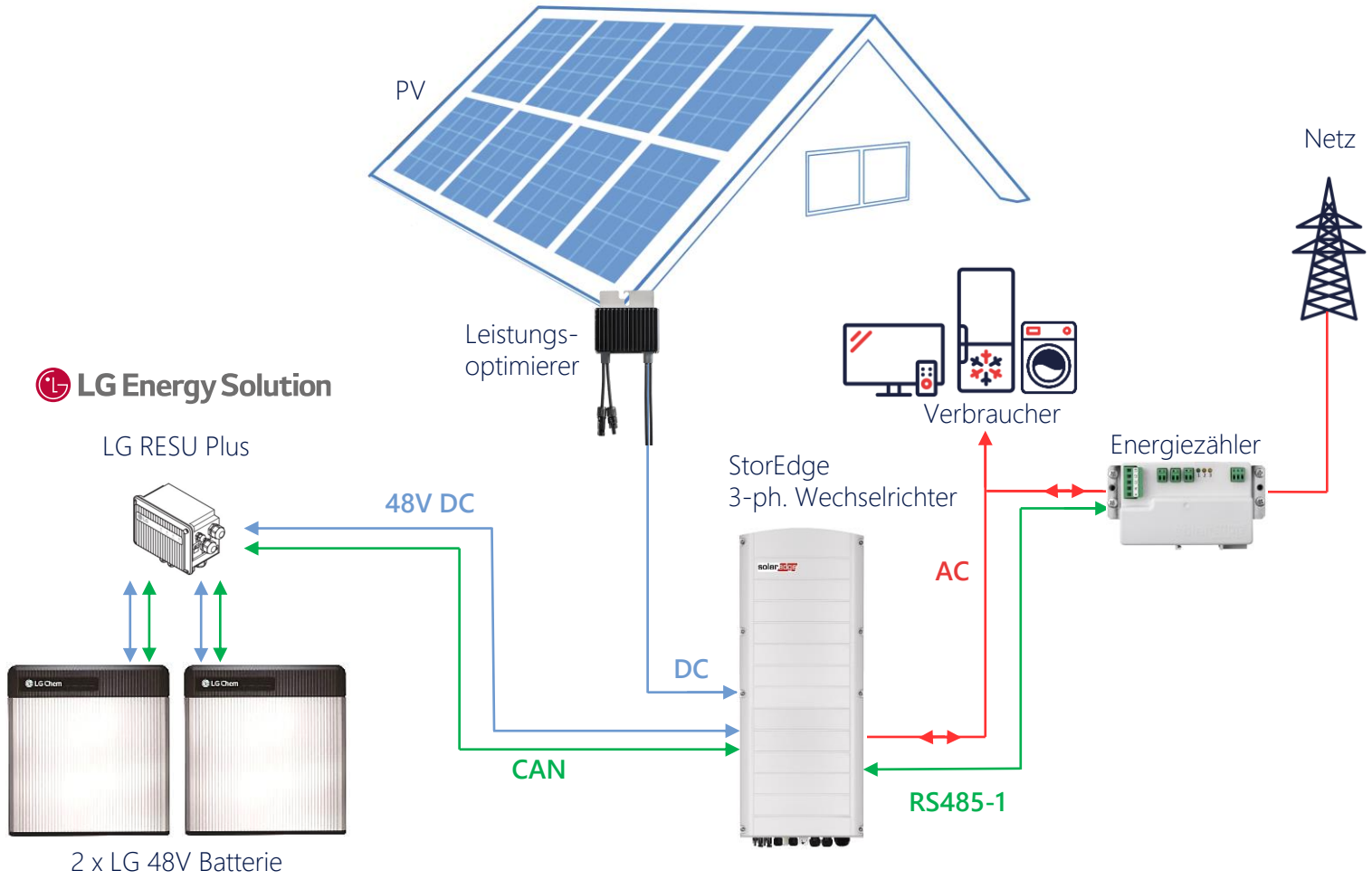
Connection of 2 LG RESU 48V batteries using the LG RESU Plus

Connection Scheme



Supported Battery Combinations

- LG Energy Solutions supports the following combinations of battery models when using the LG RESU Plus

Battery 1	Battery 2
RESU 3.3	RESU 3.3
RESU 3.3	RESU 6.5
RESU 3.3	RESU 10
RESU 6.5	RESU 6.5
RESU 6.5	RESU 10
RESU 10	RESU 10
RESU 13	RESU 13

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Important Note

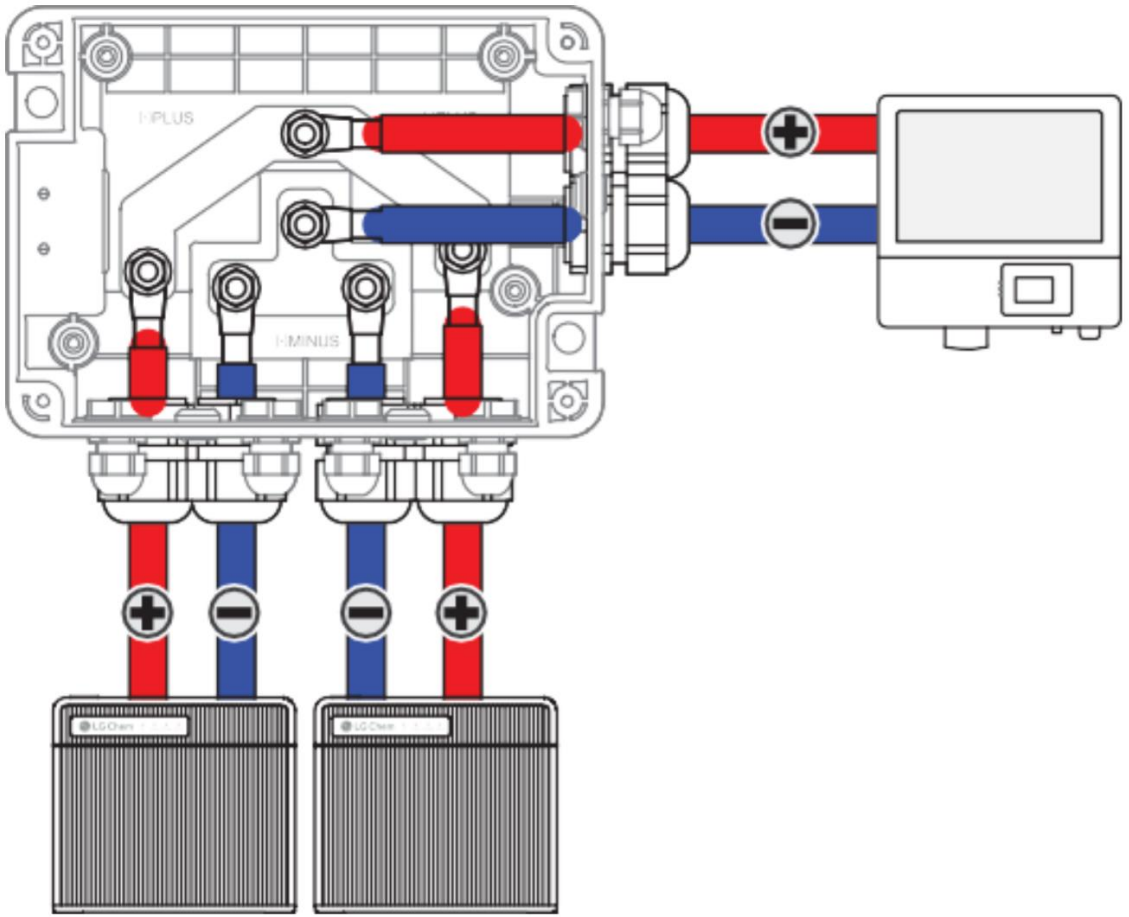
- Any of the instructions regarding a LG ESS product below are sourced from LG Energy Solutions. Adhere to the installation guidelines of LG Energy Solutions.

  - Installation Guide LG RESU 3.3 - 10 and RESU Plus: https://lghomebatteryblog.eu/wp-content/uploads/RESU3.3_6.5_10_PLUS_Installation_Manual_ENG_Ver2.3_181030.pdf
  - Installation Guide LG RESU 13 and RESU Plus: https://lghomebatteryblog.eu/wp-content/uploads/20181030_EN_Installation-Manual-RESU13_V1.1.pdf
  - Datasheet LG ESS RESU: https://lghomebatteryblog.eu/wp-content/uploads/Leaflet-210119-LG-Energy-Solution-Leaflet-Europe.pdf

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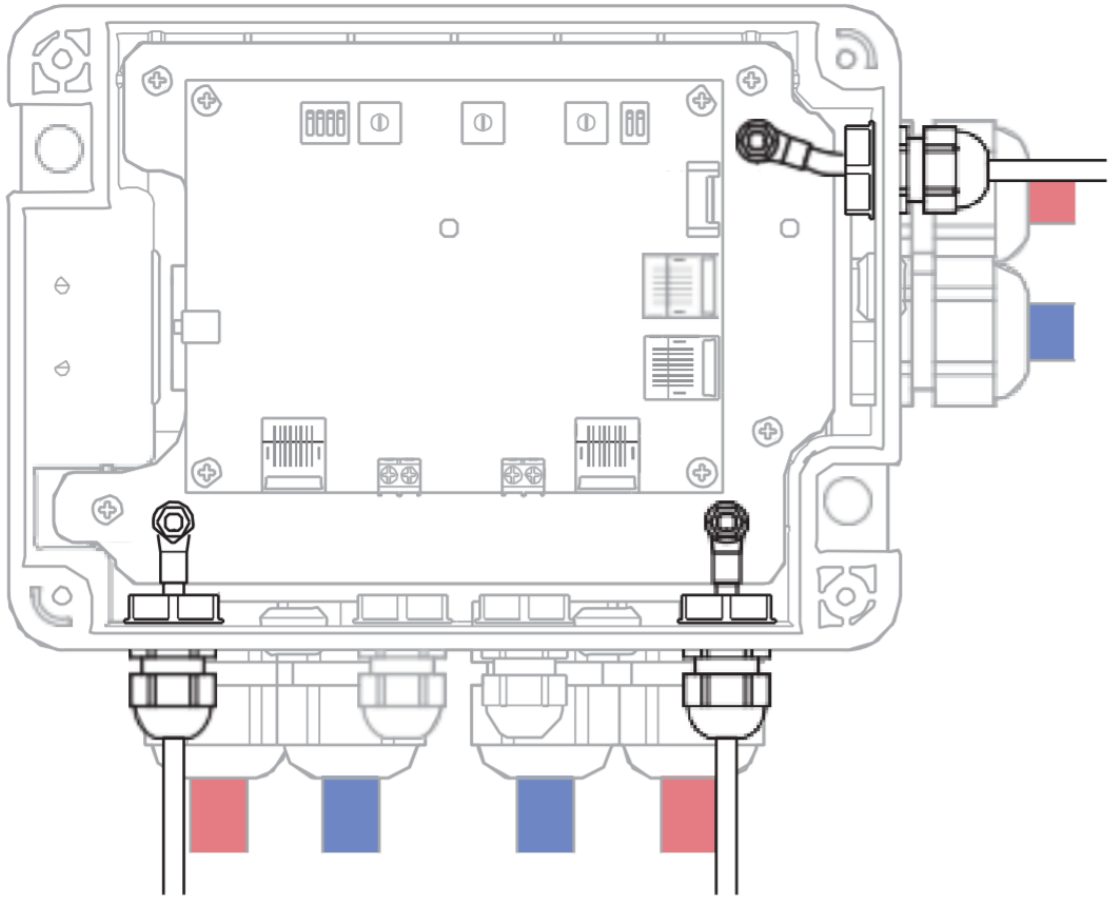
Cable connections - DC Cable

- Connect each DC cable to the corresponding port
- Use 35mm² M8 ring terminal lugs



Cable connections - Grounding

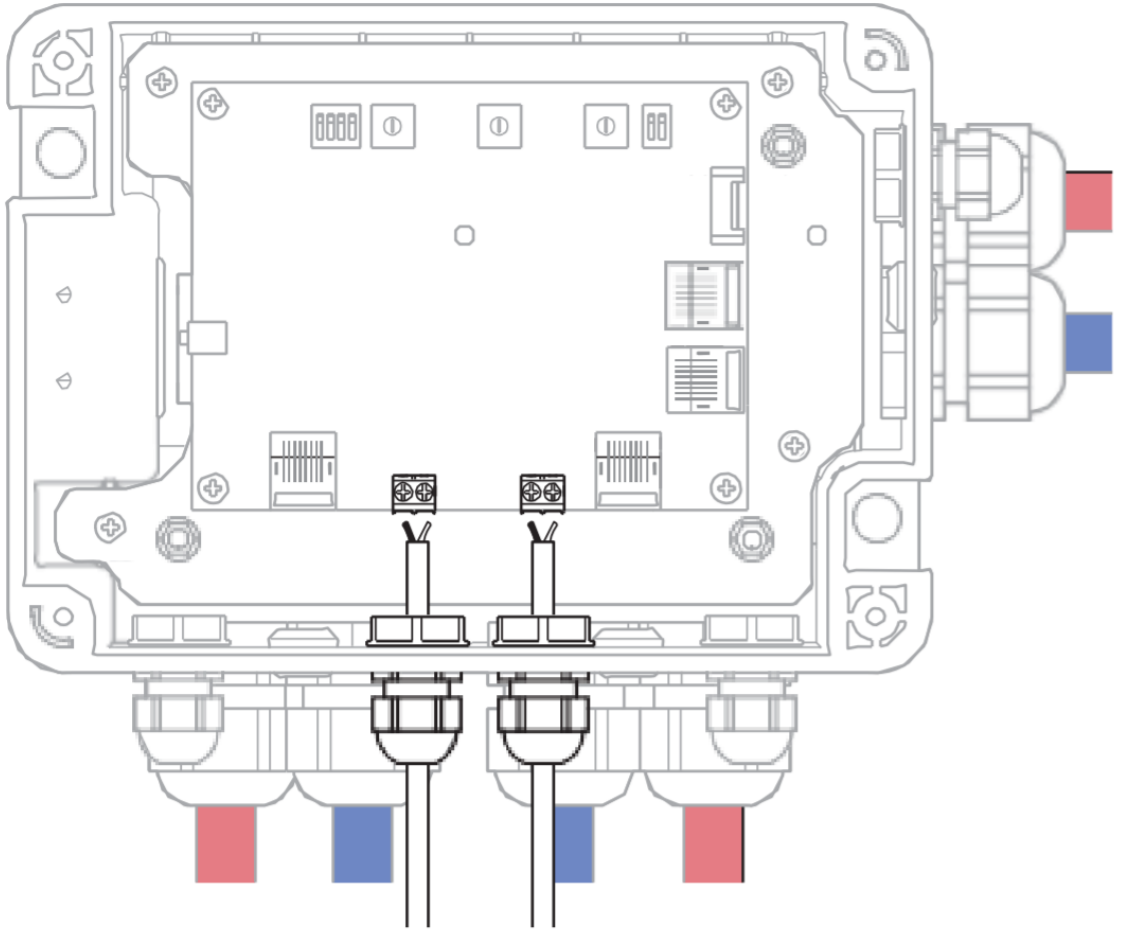
- Connect each ground wire to the appropriate ground point
- It is not necessary to install a grounding wire, but it is recommended



Cable connections - Power Supply

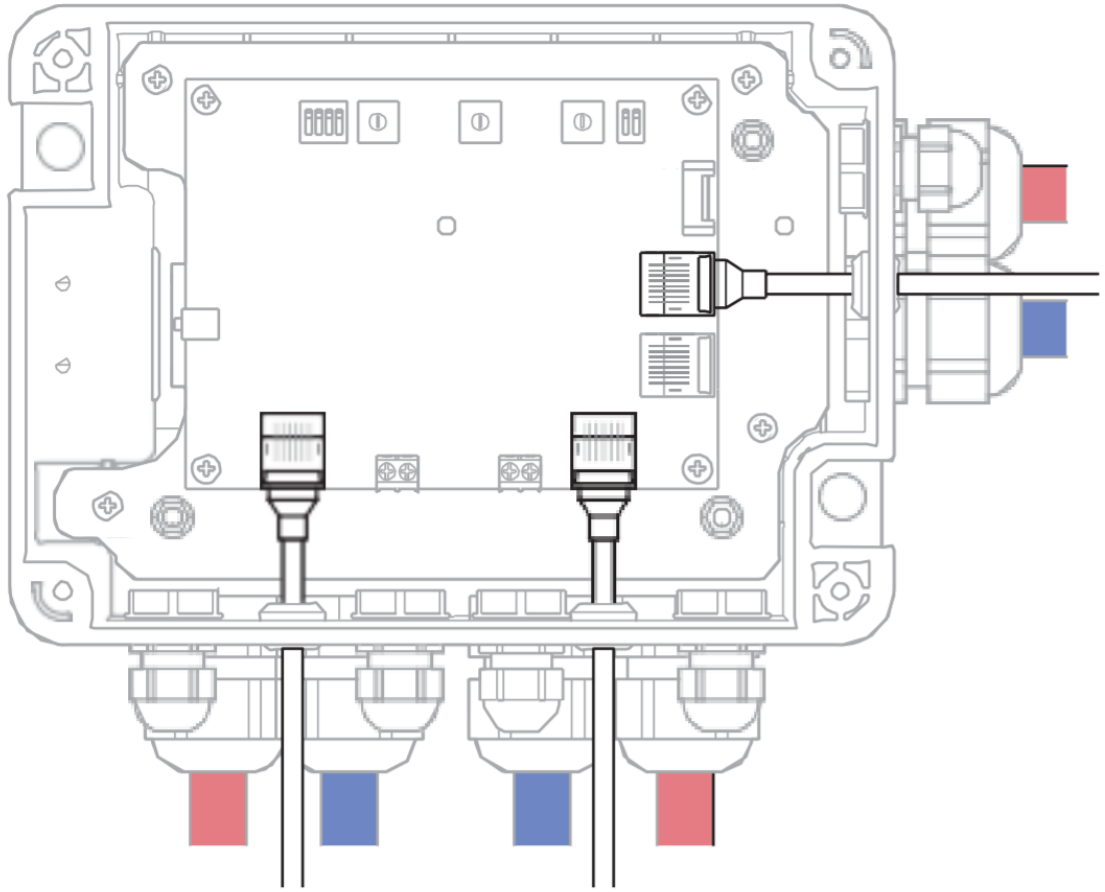
- Connect each power cable to the appropriate terminal block

- NOTE:
  Power cables from both battery packs must be connected to ensure that the RESU Plus operates normally even if one battery pack is switched off.



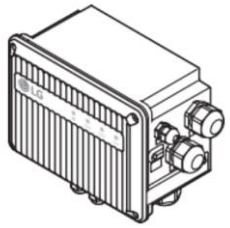
Cable connections - CAN-Bus Cable

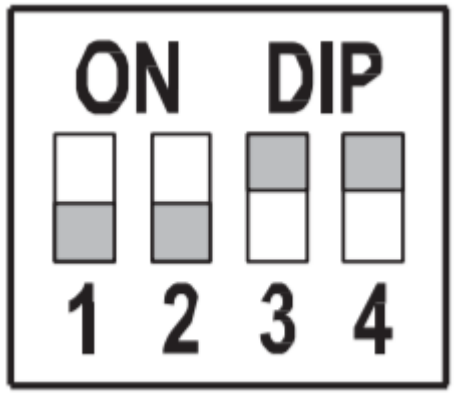
- Connect the CAN-Bus cables to the respective network connection



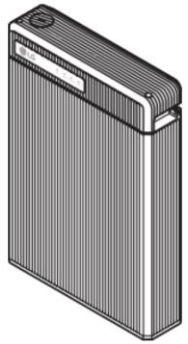
DIP Switch Configurations

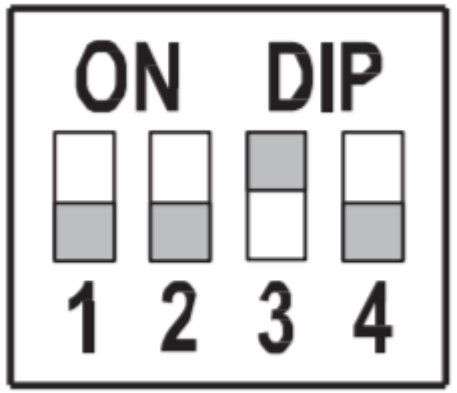
- At the RESU Plus, activate the following DIP Switches: 0011





- At both batteries, activate the following DIP Switches: 0010



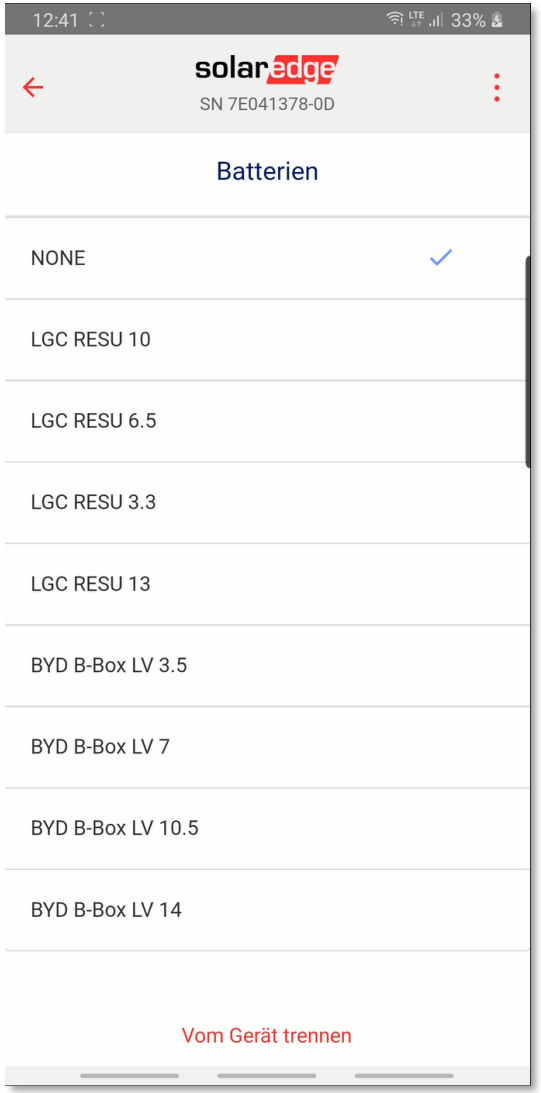


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Configurations at the SolarEdge Inverter

- When configuring the battery model, select the larger of the two installed batteries.
  - For example, when installing a RESU 6.5 and a RESU 10, select RESU 10.

- All other configurations are similar to using a single battery. Please refer to the StorEdge Three Phase Inverter installation guide.



Thank You!

Cautionary Note Regarding Market Data & Industry Forecasts

This power point presentation contains market data and industry forecasts from certain third-party sources. This information is based on industry surveys and the preparer's expertise in the industry and there can be no assurance that any such market data is accurate or that any such industry forecasts will be achieved. Although we have not independently verified the accuracy of such market data and industry forecasts, we believe that the market data is reliable and that the industry forecasts are reasonable.

Rev: 05/2020/ROW
Version #: V.1.0