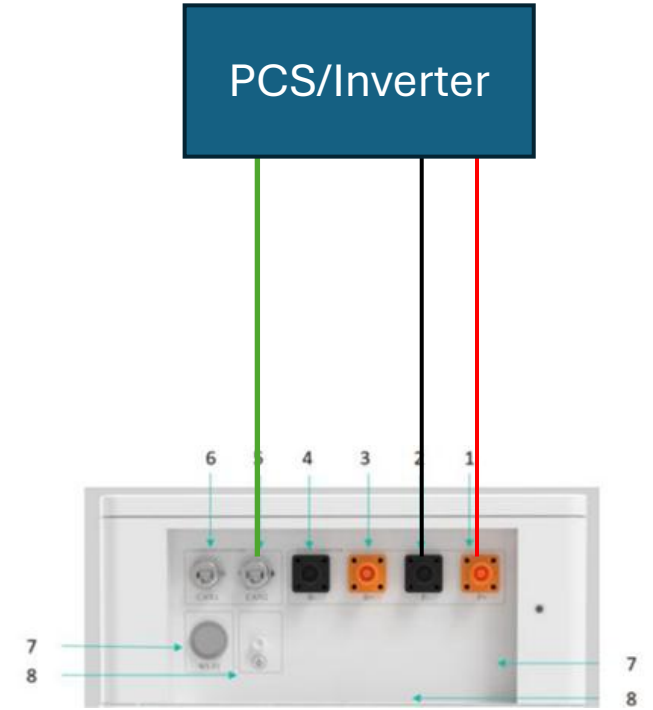


Qapactiy Artic Series Parallel connection

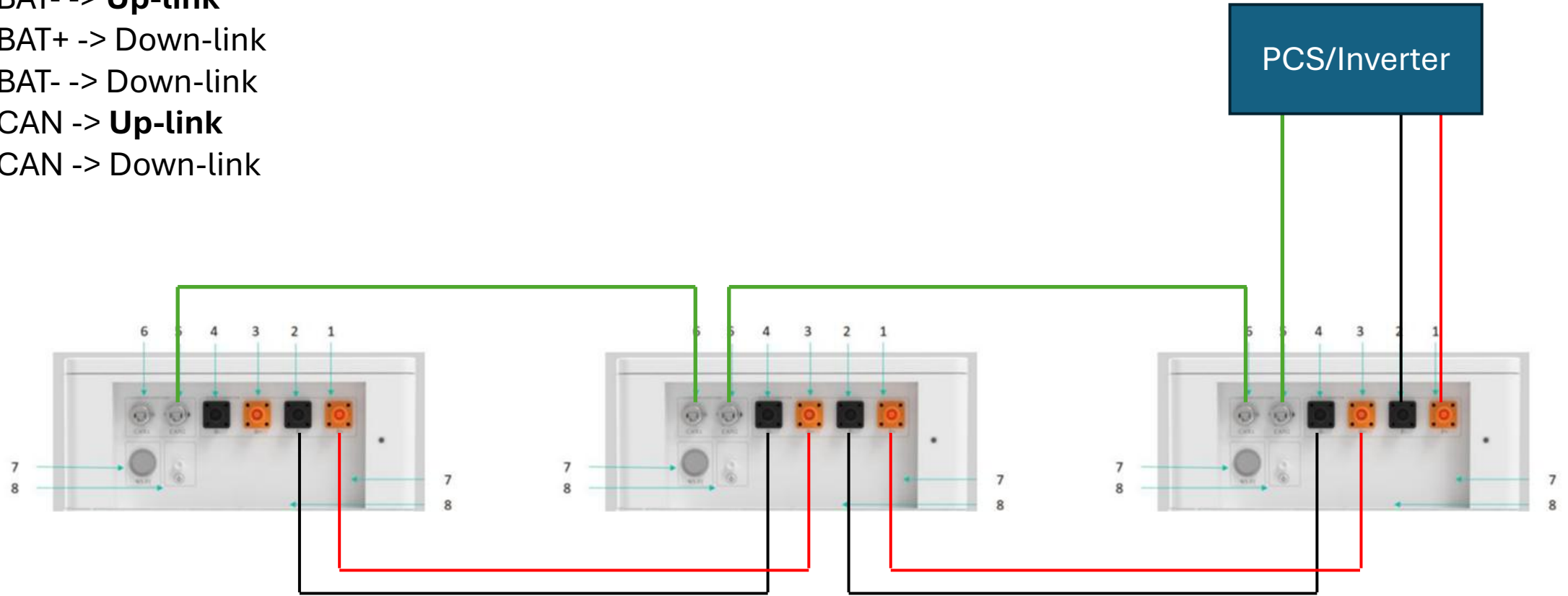
- Up to 10 battery stacks can be connected in parallel.
- Two variants exist:
- Option 1 is for **smaller** PCS/inverters that can charge/discharge up to 50A
- Option 2 is for **larger** PCS/inverters that can charge/discharge over 50A

- (1) BAT+ -> **Up-link**
- (2) BAT- -> **Up-link**
- (3) BAT+ -> Down-link
- (4) BAT- -> Down-link
- (5) CAN -> **Up-link**
- (6) CAN -> Down-link



Single system

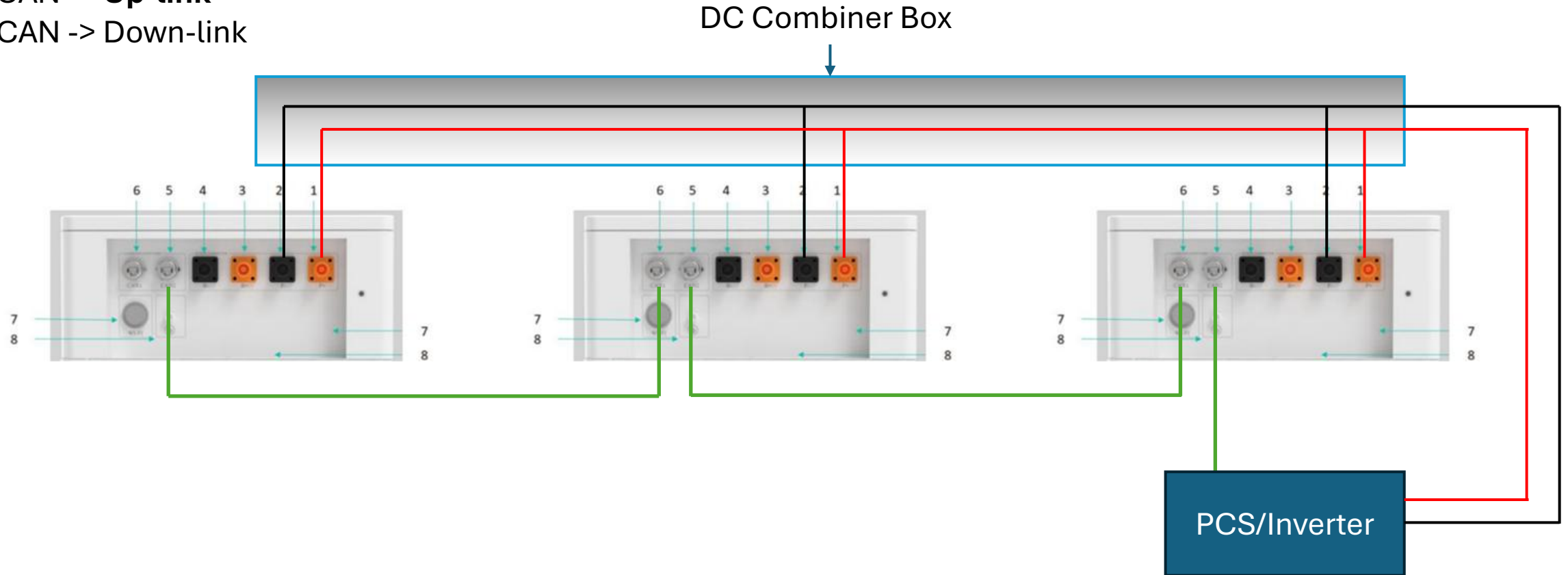
- (1) BAT+ -> **Up-link**
- (2) BAT- -> **Up-link**
- (3) BAT+ -> Down-link
- (4) BAT- -> Down-link
- (5) CAN -> **Up-link**
- (6) CAN -> Down-link



Parallel connection if the PCS/inverter is limited to <50A (ex Solis S6 5-20 kW.)
BDU (Power box) can only manage 50A.

OPTION 1

- (1) BAT+ -> **Up-link**
- (2) BAT- -> **Up-link**
- (3) BAT+ -> Down-link
- (4) BAT- -> Down-link
- (5) CAN -> **Up-link**
- (6) CAN -> Down-link



Parallel connection if the PCS/inverter can manage >50A (ex Solis 30-50kW that can draw 70A from each BAT-terminal)
 Power is routed through a DC-combiner box (busbar system).

OPTION 2