

INSTALLATION GUIDE

DC Power Supply

If you are commissioning a GivEnergy system and your battery is below voltage, you may be requested to return with a DC power supply to recover the battery to its nominal voltage of 50V.

This issue presents itself due to the legislation that batteries cannot be transported above 30% capacity. Over time, the voltage can drop below the minimum threshold that allows a force charge via the inverter.

In these instances, the battery would require physical intervention to recover. To do so, you would need a 60V 5A DC power supply to manually charge the battery.

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Roll over image to zoom in



DC power supply (0-60V,0-5A) adjustable, switching power supply, mini high precision 4-digit display with USB fast charging interface, variable lab bench power supply, output on/off/encoder knob

Brand: NANKADF

★★★★★ 530 ratings | 25 answered questions

Deal

-15% £67⁹⁹

Was: £79.99

FREE Returns

Style Name: 60V/5A(300W)

30V/10A(300W)	30V/5A(150W)	60V/5A(300W)
£63.74	£59.49	£67.99

Model name	DC Power Supply
Brand	NANKADF
Compatible devices	Personal Computer
Output wattage	300 Watts
Wattage	300 watts
PCI-express connector configuration	2 Pin
Current rating	5 Amps

To manually charge the battery please follow these instructions.

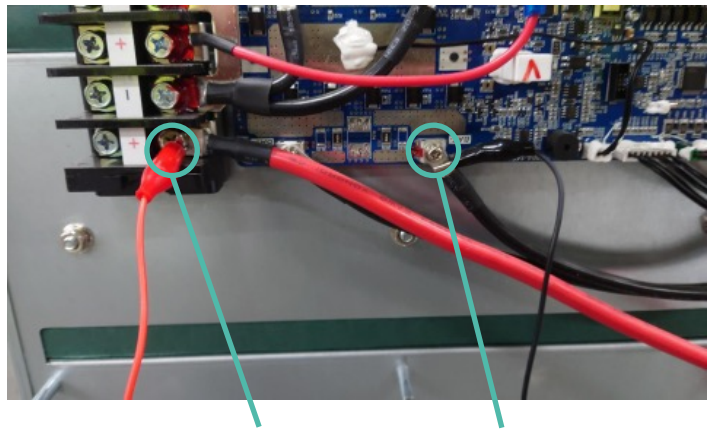
➤ 2.6, 5.2, 8.2 BATTERIES

1. Power down the inverter by first isolating all the DC power from solar and battery, and then turning off the AC isolator. Switch the battery off at the DC MCB.
2. Remove the front cover of the battery and the red card inside to access the battery board.
3. Disconnect the battery from the inverter (or master battery) via the DC cables from the black terminal block. Also disconnect any slave batteries.
4. Place the positive clip of the power supply to the bottom right positive terminal of the black terminal block.
5. Place the negative clip to one of the small negative terminals at the bottom of the BMS.
6. Turn the DC power supply on and set to 50V. Then, turn up the current on the power supply slowly to match the increasing voltage.
7. Once the voltage reaches 50V, turn off the battery and connect it back to the inverter or other batteries.

➤ 9.5 BATTERIES

1. Power down the inverter by first isolating all the DC power from solar and battery, and then turning off the AC isolator. Switch the battery off at the DC MCB.
2. Remove the front cover of the battery to access the battery board.
3. Disconnect the battery from the inverter (or master battery) via the orange plug. Also disconnect any slave batteries.
4. Place the positive clip of the power supply to the bottom positive terminal of the DC MCB inside the battery.
5. Place the negative clip to one of the small negative terminals at the bottom of the BMS.
6. Turn the DC power supply on and set to 50V. Then, turn up the current on the power supply slowly to match the increasing voltage.
7. Once the voltage reaches 50V, turn off the battery and connect it back to the inverter or other batteries.

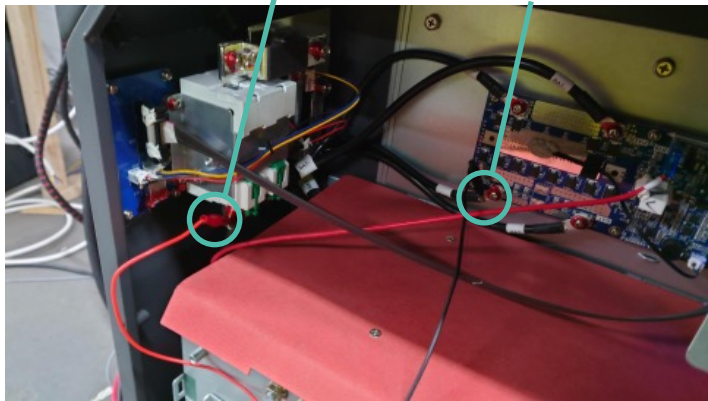
Giv-Bat 2.6, 5.2, 8.2



Connect positive
clip here

Connect negative
clip here

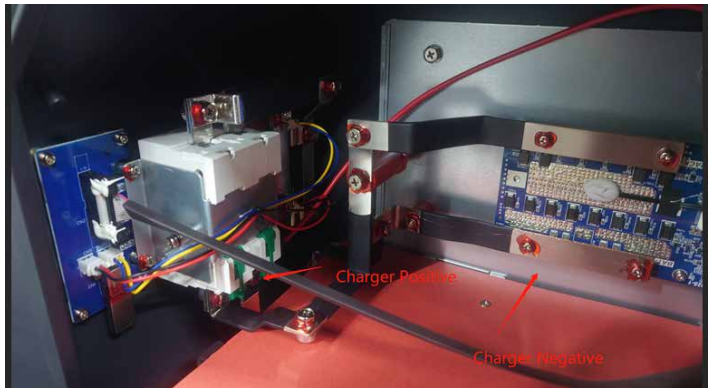
Giv-Bat 9.5 - Cable Style



Connect positive
clip here

Connect negative
clip here

Giv-Bat 9.5 - Busbar Style



Charger Positive

Charger Negative