



RS485 PARALLEL CHARGE CONNECTION CABLE FOR CHARGE CONTROLLER

SKU: HCPHCCPC-US/CA



This user manual offers a brief walkthrough of its features and how to use it.
Please keep the user manual in hand for future reference.

Still need help? Feel free to send us an email at sales@myhqsolar.com

➤➤ Manual

FEATURES

- Expand the charging current for charging your battery bank system by connecting two charge controllers using the RS485 Parallel Charge Connection Cable.
- No need to upgrade to a controller with a higher amperage parameter. Connect two controllers in parallel to achieve the charging current you require.

COMPATIBILITY

- Works with HQST MPPT Charge Controllers Series with an RS485 communication port: HCC-20MPPTN, HCC-40MPPTN, HCC60HTR.
- It's not compatible with other brands' controllers and PWM controllers.
- If you're not sure about the compatibility of your controller, please feel free to contact the seller directly or send us an email at sales@myhqsolar.com

PRODUCT CONNECTION PORT

RS485 Port

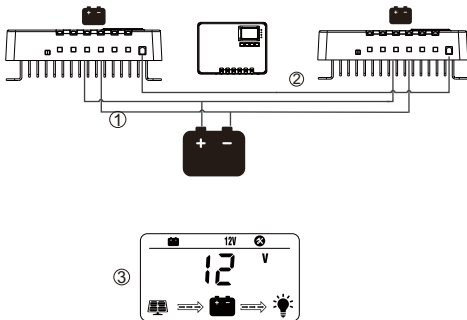


RS485 PIN

PIN-1	PIN-2	PIN-3	PIN-4	PIN-5	PIN-6
VDD	VDD	GND	GND	D-	D+

HOW TO CONNECT TWO CHARGE CONTROLLERS IN PARALLEL

- ① First, connect the battery bank to two charge controllers that you want to connect in **parallel for expanding charging current** (both controllers can be connected to an independent PV array system).
- ② Then, link these two controllers using this RS485 parallel charge connection cable.
- ③ Both controllers must be set the same and right battery bank system voltage parameter.

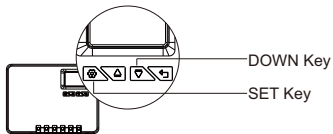


Note:

- It supports connecting two controllers with different amperage parameters, such as 20A + 40A, 20A+ 60A, or 40A + 60A.
- Please remember to set the controllers with the same battery charge voltage parameter before connecting the PV arrays to the controllers. Or you will damage the battery bank system.
- When using parallel charge connection cable, two controllers only can be connected to ONE battery bank system.

TURN ON/OFF PARALLEL CHARGE CONNECTION FUNCTION

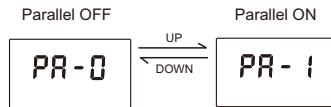
The parallel charge connection function of the controller is disabled by default.



How to enter the parallel charge setting page:

- Press and hold the “DOWN” and “SET” keys simultaneously until the parallel charge page appears.

Parallel Charge Page



How to set up:

- Press the “Up” or “Down” key to select Parallel ON or Parallel OFF.
- Press and hold the “SET” key to save and exit the setting page.

WARRANTY

- HQST Parallel Charge Connection Cables are covered by a 12-month limited warranty from the original purchase date. If you encounter any issues during usage, feel free to contact us at sales@myhqsolar.com
- We only provide after-sales service for products sold by HQST or retailers and distributors authorized by HQST. If you have purchased your unit through other channels, please contact your seller for more information about the return and warranty.

SUPPORT INFORMATION

- Need help? Feel free to send us an email at sales@myhqsolar.com
- Want to see more products? Visit the website hqsolarpower.com