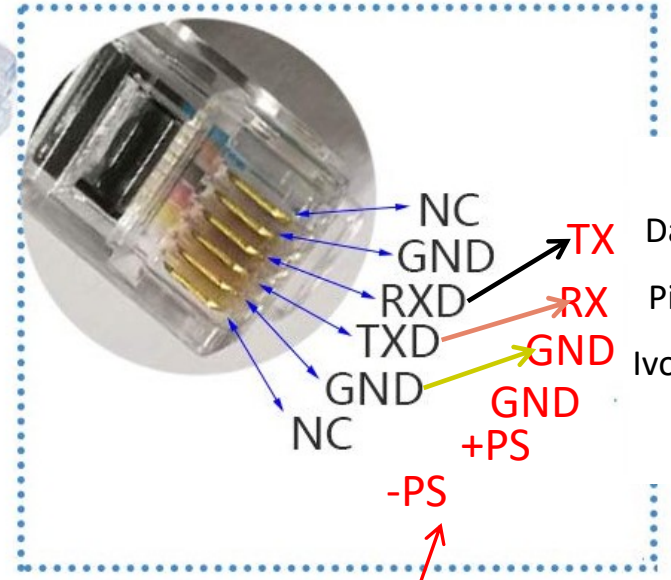
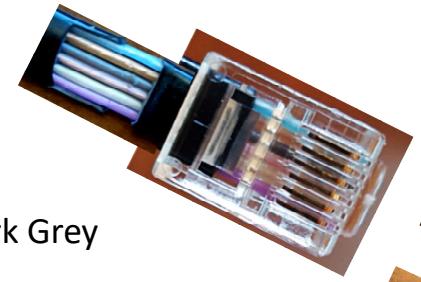
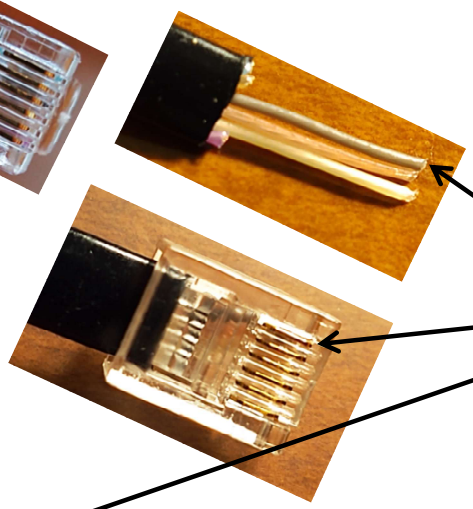
DSD TECH SH-RJ12A USB to RJ12 6P4C
Serial Cable with FTDI Chip




Original



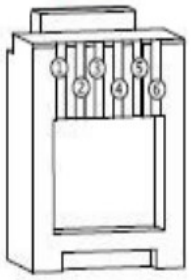
Re-wired




Serial Port 3 on my PC

**Controller communication port RJ12 (6 - pin)**

**RS232**

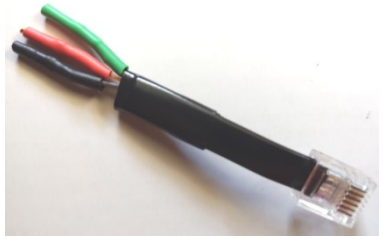


| No. | Definition |
|---|---|
| ① | Transmitting terminal TX |
| ② | Receiving terminal RX |
| ③ | Power supply grounding /Signal grounding |
| ④ | Power supply grounding /Signal grounding |
| ⑤ | Power supply positive |
| ⑥ | Power supply positive |

Info from @retrodaredevil regarding Rover pinout

"So for the RJ12 cable, I can give you a general idea, but I seriously recommend a multimeter just to make sure you don't connect either 15V pins instead of the data pins. Like I said above, the pin out is TX, RX, GND, GND, +, +. You still may want to make sure that's not flipped. If you use a multimeter, you can pretty easily figure out each pin out. TX to RX or GND will give you around 5.66V. RX to GND will be a very low non-zero value if I remember correctly. So you can always be sure that the 2 middle pins are both ground, but make sure to check the outside ones. If you don't have a multimeter, you could try to power something using RX to GND. If you get a lot power there, then you must have it flipped because RX to GND cannot power anything because there's so little power there."

Plugable USB to Serial Adapter Compatible with Windows, Mac, Linux (RS-232\DB9 Female Connector, Prolific PL2303HX Rev. D Chipset)

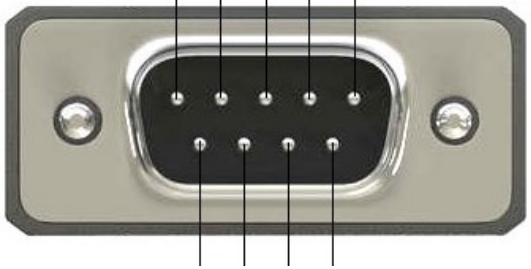


Custom RJ12 to DB9

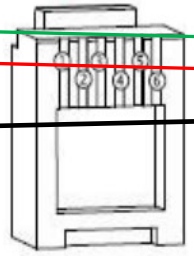
Serial Port 5 on my PC

Will attach RJ12 custom cable to this someday

RS232 Pinout

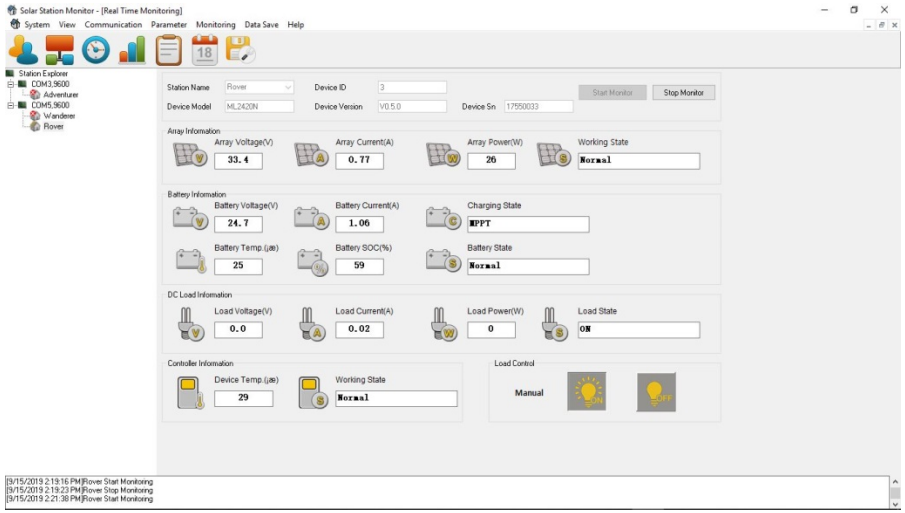



**Controller communication port RJ12 (6 - pin)**

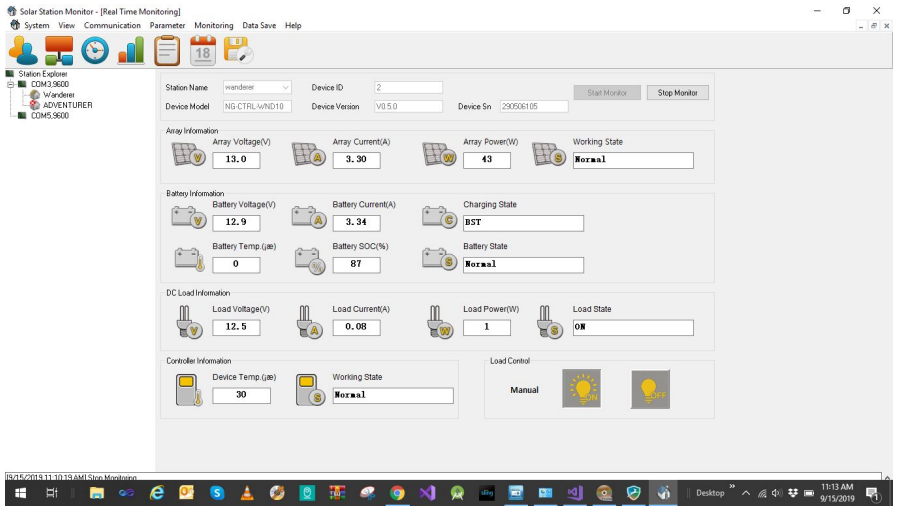



| No. | Definition |
|---|---|
| ① | Transmitting terminal TX |
| ② | Receiving terminal RX |
| ③ | Power supply grounding /Signal grounding |
| ④ | Power supply grounding /Signal grounding |
| ⑤ | Power supply positive |
| ⑥ | Power supply positive |

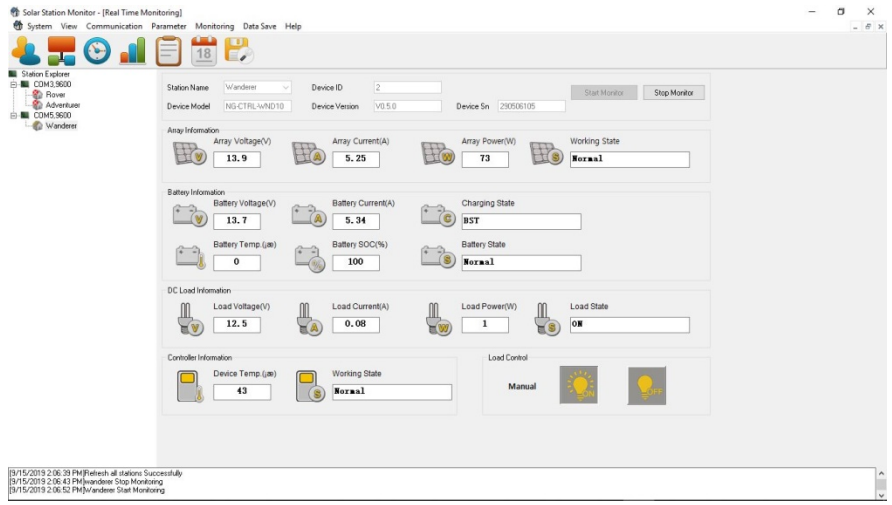
# Renogy Solar Station Software Screen Shots



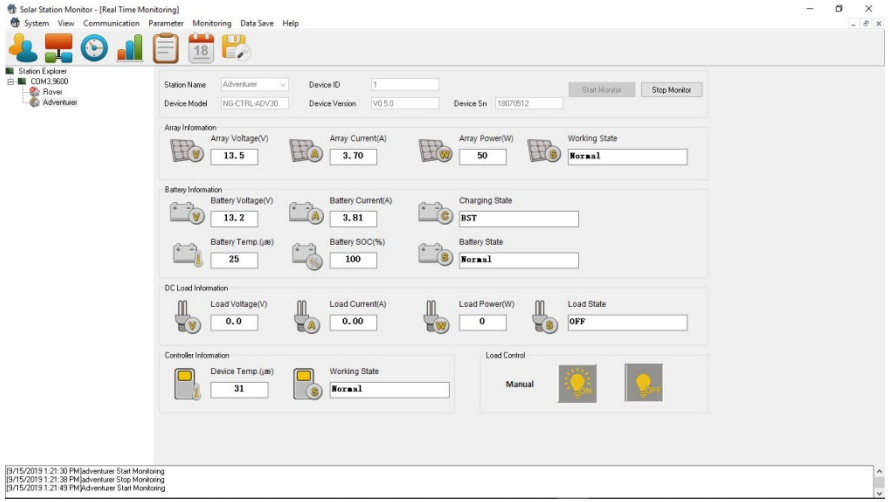

Rover on Port 5




Wanderer on Port 3




Wanderer on Port 5




Adventurer on Port 3