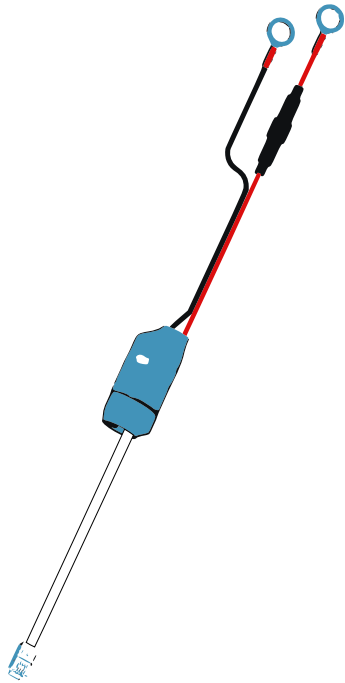


Lynx Distributor LED power supply cable

Whitepaper & installation manual



**VVVEngineering's
Lynx Distributor
Power Cable**

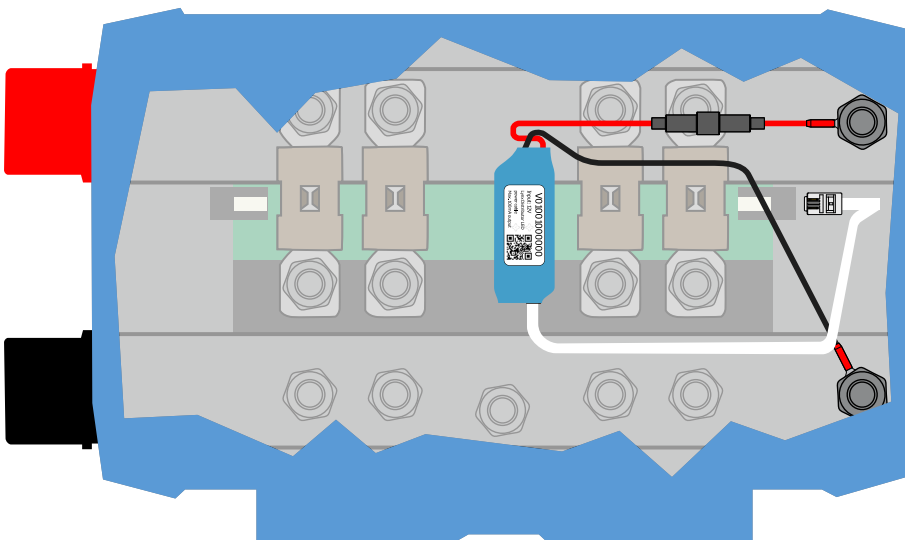
Why add a power cable?

Victron's Lynx Distributor does not include a power supply for the Printed Circuit Board (PCB) inside the distributor. This PCB is essential for lighting up the LED fuse indicators.

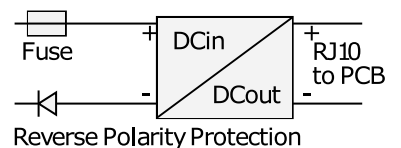
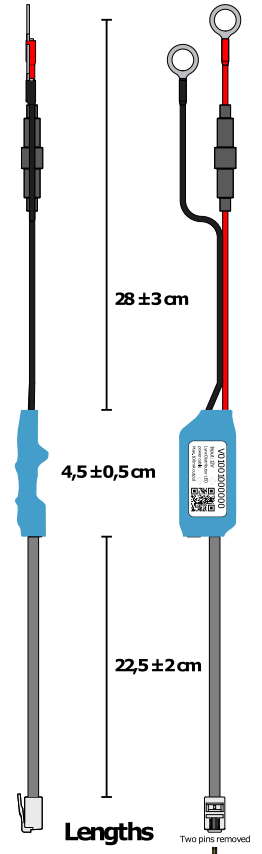
The LED indicators will only work if a Lynx Shunt or Lynx BMS is included in the system, which is often too expensive for smaller 12V systems. When using this inexpensive power cable solution, you can easily power a standalone Lynx Distributor and use the product as it was intended to work.

Easy installation

The power cable comes with two M8 lugs to be installed directly inside the Lynx Distributor. Thanks to the RJ10 connector, the solution is plug-and-play. The lead with the 500 mA fuse must be connected to the positive rail, the other lead goes to the negative rail. If all positions are occupied, the power cable can be connected on an occupied connection, making sure to connect the higher power device first (closest to the busbar). The RJ10 connector can be connected on either side of the PCB. Make sure to push it all the way in to ensure a good connection.



Installation



Function diagram

Maximum values

System voltage: 12V DC (AGM, GEL, LFP, ...)

Output Current: Maximum continuous 100mA @ 40°C (This corresponds to the power consumption of one Lynx Distributor, do **not** use multiple power supply cables or lynx distributors in parallel, the power supply will overheat)

Remark: The cables are glued to the PCB for mechanical strength only, this product is not water resistant