



# Nomadic Energy NE0485 MultiPlus Ultimate Power Solution Installation Guide

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**Nomadic Energy NE0485 MultiPlus Ultimate Power Solution**



## Product Information

Product Name: NE0485 1200W MultiPlus

Power: 1200W

Manufacturer: Climbingvan

## Product Usage Instructions

1. Ensure that you have the necessary components mentioned in the user manual for proper installation.
2. Refer to the “Nomadic Energy eBook” for detailed wiring instructions specific to each component.
3. All earth cables (yellow & green) should be wired with black cables. The color is for illustration purposes only. Additional black cable has been provided.
4. Use a solar extension cable with a cross-sectional area of 35mm<sup>2</sup> for solar panel connections.
5. Place a fuse as close to the starter battery as possible. Use a 3 core 2.5mm<sup>2</sup> cable for the fuse connection.
6. Connect the temperature sensor cable using a 16mm<sup>2</sup> cable for proper temperature monitoring.
7. For 230V loads, use the appropriate cable entry housing with an electric hook up cable and inlet. Make sure to follow electrical safety guidelines.
8. Install a 60A midi fuse in the BatteryProtect unit.
9. Connect the B2B charger using a 30A fuse and follow the provided wiring diagram.
10. Install consumer units and a 12V fuse box using appropriate cables (3 core 2.5mm<sup>2</sup>, 1.5mm<sup>2</sup>, and 10mm<sup>2</sup>).
11. Use a 200A MEGA fuse for the 12V+ load and a 12V load.
12. Connect the positive bus bar using a 10mm<sup>2</sup> cable and a 60A midi fuse.
13. Install a 300A switch with M10 lugs and a 400A MEGA fuse.
14. Connect the 100/20 charge controller using appropriate cables and a 20mm hole through the roof with a protective gland.

15. Use 40A midi fuses for the charge controller solar cable.
16. Connect the negative bus bar using 6mm<sup>2</sup> cables.
17. Ensure that the starter battery and leisure batteries are properly connected.
18. It is important to note that electricity is dangerous, and electrical work should be carried out by a qualified electrician. Before fully connecting the system, it is recommended to have a qualified electrician check your installation.
19. Always follow local safety guidelines and requirements when working with electrical systems
20. For more information and assistance with off-grid energy systems, visit [climbingvan.co.uk/nomadic-energy](http://climbingvan.co.uk/nomadic-energy).

## Connection



