

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

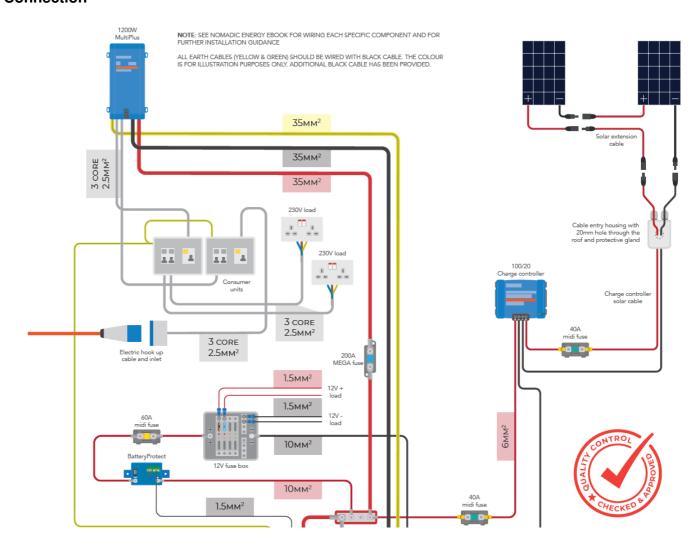
Manufacturer: Climbingvan

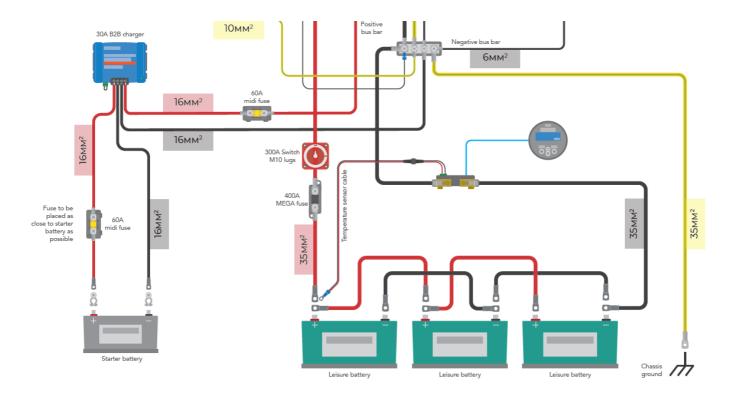
Product Usage Instructions

- 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 35mm2 for solar panel connections.
- 5. Place a fuse as close to the starter battery as possible. Use a 3 core 2.5mm2 cable for the fuse connection.
- 6. Connect the temperature sensor cable using a 16mm2 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 2.5mm2, 1.5mm2, and 10mm2).
- 11. Use a 200A MEGA fuse for the 12V+ load and a 12V load.
- 12. Connect the positive bus bar using a 10mm2 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 appropriatecables 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 6mm2 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.

Connection





SAFETY WARNING

Electricity is dangerous. It only takes a very small amount of current across the human heart to stop it. Electrical work should always be carried out by a qualified electrician, or at the very least your system should be checked by a qualified electrician before it is fully connected. The local safety guidelines and requirements should always be followed.

Our electrical system design service makes off-grid energy simple. climbingvan.co.uk/nomadic-energy

Documents / Resources



Nomadic Energy NE0485 MultiPlus Ultimate Power Solution [pdf] Installation Guide NE0485 MultiPlus Ultimate Power Solution, NE0485, MultiPlus Ultimate Power Solution, Ultimate Power Solution, Power Solution

References

Nomadic Energy | Climbingvan

Manuals+,