

Inverter troubleshooting

At IDS we have a wealth of inverter experience. We have been an ABB Partner for over 20 years and are used to supporting clients with a variety of inverter-controlled applications. In this article we look at the 3 most common faults on inverters and how to fix them:

This is caused by a high intermediate circuit DC voltage. This can arise from high inertia loads decelerating too quickly, the motor turns into a generator and increases the inverter's DC voltage. There are other causes of DC overvoltage, however.

This is caused by low intermediate circuit DC voltage. This can be caused by a missing supply voltage phase from a blown fuse or faulty isolator or contactor or internal rectifier bridge fault or simply low mains voltage.

We hope you found the information in this article useful if you have a fault not listed and you need technical assistance contact our engineering team by emailing your enquiry to [email#160;protected]

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