DC Converter (for A10) quick installation guide

BATTERY BACKUP MODULE
Connect the mains supply to the mains terminal provided (this supply is required for the DC Converter to sense a mains fail condition) Based on this it is important that the DC Converter is connected to the same mains supply as the A10.

**PB6592A Charger**

**Danger**

Batteries will give off hydrogen gas. To prevent possible explosion caused by ignition from the controller, keep dc converter enclosure and battery enclosure separate. In addition ensure that the battery enclosure is properly vented.

**DC Converter Connections**

- **310V** Brown
- **15V** Grey
- **HV Ground** Blue
- **12V** Red
- **Ground** Black
- **A10 Trigger** Purple

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**NB:** Ensure that the colours on the harness match the colours on the cable. Failing to do so is likely to result in device failure.

It is important that all power is removed from the A10 and the DC Converter before connecting the Converter to the A10. Refer to the mains LED on the A10 Inverter board to ensure that no residual charge is left on the A10 unit. If in doubt, leave the A10 for a minimum of 10 minutes before connecting the DC Converter.

1. 220V - 240V AC mains cable (3-core LNE 1.5mm²) via mains isolator switch (order code: ISOL20A1)
2. 12V Battery Cable (supplied with DC Converter Kit)
3. 7-core armoured cable required to connect the DC Converter to the A10 (order code CABLE07ARM)

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