

Earthing Systems

Information Sheet

Intro

The information in this document refers to wiring regulations specific to the UK. Pod Point chargers should only be installed by competent, qualified electricians, with knowledge of EV chargers.

Pod Point Chargers

The information outlined in this document applies to the current versions of the following Pod Point chargers for new installations only:

**Solo 3(S)
Tethered**



**Solo 3(S)
Universal**



Twin (V7)



The Pod Point Solo 3(S) and Twin (V7) Charger models have built-in PME fault protection which means no dedicated earth rod is required.¹

¹ There may be conditions where this is not the case as outlined below.

TN-S and TN-C-S Earthing Systems

In TN-S and TN-C-S Earthing Systems, no earth rod, isolation transformer or additional PME Fault Protection would be required, .

TT Earthing Systems

TT Earthing Systems, by design, require an earth rod for the entire installation. Our chargers are compatible with pre-existing TT earthing systems without the need for additional earthing hardware.



There are additional RCD requirements when installing the Solo 3(S) or Twin (V7) chargers to a TT Earthing System.

Array Systems

Charge points older than Solo 3S and Twin V7 are not PME compliant, array systems using Solo 3S and Twin V7 can be connected to PME earthing systems. For these models ensure the array data cables are not connected to any other terminal or metalwork other than the dedicated array terminals in the equipment..

Additional Considerations

Pod Point's Solo 3(S) and Twin (V7) chargers are designed to meet the requirements of BS7671 and BS EN IEC 61851-1. Some specific sites and locations may have additional earthing requirements. Please refer to the latest local and national regulations at time of install.

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