

CaSSOA GUIDANCE

CARAVAN SITE ELECTRIC HOOK UP INSTALLATION

Increasingly, caravan storage customers are requesting additional facilities like electric hook up points.

Should you wish to provide this service, this guidance should help to point you in the right direction. We would strongly recommend that you seek professional advice from a suitably qualified manufacturer / installer.

INSTALLATION

It is essential that EHU installation is carried out by a qualified contractor. Electrical industry approval bodies include:

NICEIC
Electrical Contractors' Association

The installation must conform with current BS7671:2008 "Requirements for Electrical Installations". This British Standard is the official title of the 17th Edition IEE Wiring Regulations. In particular, the earthing arrangement for hook-ups must either be TN-S or TT.

SUPPLY POINTS

Purpose made bollards will usually be supplied by the manufacturer. However, they can also consist of a socket outlet with appropriate protection installed in a building. In this instance, they should be placed within a reasonable distance to where the caravan will be positioned.

Most EHU points provide a 230V, 50Hz supply.

You may want to consider providing a metered hook up point whereby users can pre-pay or you can measure usage to calculate cost.

SOCKET OUTLETS

It is recommended that they are placed between 0.5 metres and 1.5 metres above the ground. These must comply with BS EN 60309-2.

PROTECTIVE DEVICES

Each socket outlet must be protected by a circuit breaker and residual current device (RCD).

ELECTRICAL EARTHING

It is a statutory requirement that the earthing system for electrical hook-ups on caravan sites must be either TT or TN-S. Both systems will prevent the possible connection of the supply neutral to the metalwork of a caravan.

CABLING

Underground cables should connect the outlet to the caravan wherever possible, at a depth of 24 inches.

USEFUL LINKS & SUPPLIERS - *(for reference only, these are NOT recommended suppliers)*

[IET – Advice for Electrical Installations in Caravan/Camping Parks](#)

Caravan Park Electrical Services Ltd www.cpes.co.uk
CEF www.cef.co.uk
RMCS www.rmcs.co.uk