

The complete guide to the electrical  
development of your park

# Product Catalogue

## Issue 11



**17th**  
Edition  
Compliant

## Introduction & Contents

Caravan Park Electrical Services Limited are market leaders in the design, manufacture and installation of electrical distribution systems on holiday, park home and touring parks throughout the United Kingdom since 1982. From the company's office and production facility in Spilsby, Lincolnshire a team of highly experienced and dedicated staff are available to handle your enquiry, design, quotation, production and, if required, installation of the most up-to-date electrical distribution systems for your park.

As members of the National Inspection Council for Electrical Installation Contracting and the British Holiday and Home Parks Association, our commitment today is the same as it was in 1982:

**'To offer the client a package to suit their needs, at an affordable price, using quality components and backed up by an unrivalled after sales service'.**

If after studying this brochure your enquiry relates to any products or services you see advertised, please call our sales office to discuss your requirement further. Our range of services includes:

- Computer Aided Design
- Supply only
- Installation contracts
- BS7671 Test & Inspections
- Lighting scheme design



### Technical Information on all Units illustrated in this brochure.

#### Enclosures

All enclosures are manufactured in thermosetting plastics with Ultra Violet stabilisation and are to IP56, or IP65 in the case of the hinged and lockable type.

#### Circuit Protection Devices

In all our holiday and touring units, each socket outlet is individually protected by earth leakage and overcurrent devices. These may be separate devices (RCDs and MCBs) or combined devices (RCBOs).

The overcurrent protection can be specified up to the maximum rate of the socket outlet. Direct connection units may require higher rated switchgear which can be supplied up to 100A.

#### Connection Methods

All units are available with 16amp or 32amp 2 pole and earth BS EN 60309 socket outlets. Alternatively, for holiday homes or park homes, direct glanded connections can be used, negating the need for socket outlets and plugs.



## Contents

- 03 Essentials
- 04 Holiday Home & Park Home Connection Units
- 06 Touring Connection Units
- 07 5CL Connection Units
- 08 Service Bollards
- 10 SMART Metering
- 11 Car Charging
- 11 Mains & Distribution Equipment
- 12 Camping Connection Unit
- 12 Lighting
- 16 BS7671 Test & Inspections
- 16 Accessories
- 19 General Information





**TT2FE MM**

A metered two way touring connection unit with 16A Socket Outlets and a sprung UV stable customer reset flap. Supplied complete with 2 No. 30mA 2 Pole RCDs, 2 No. MCBs rated at a maximum 16A and 2 No. single module meters.

**Product Dimensions**

| Height | Depth | Width |
|--------|-------|-------|
| 240mm  | 90mm  | 190mm |

**TT2FE**

Non-metered two way touring connection unit with 16A Socket Outlets and a sprung UV stable customer reset flap. Supplied complete with 2 No. 30mA 2 Pole RCDs and 2 No. MCBs rated at a maximum 16A.

**Product Dimensions**

| Height | Depth | Width |
|--------|-------|-------|
| 240mm  | 90mm  | 190mm |

**Features**

- Enclosure Rating: IP56
- Terminals: 2 x 35mm
- RCD: 2 x 30mA 2 Pole
- MCB: 2 x 16A maximum
- Socket Outlets: 2 x 16A 230V IP44 2 Pin + Earth
- Customer Reset Flap: IP65 Six Module



**Features**

- Enclosure Rating: IP56
- Terminals: 2 x 35mm
- RCD: 2 x 30mA 2 Pole
- MCB: 2 x 16A maximum
- Meter: 2 x 45A Class 1 Single Module
- Socket Outlets: 2 x 16A 230V IP44 2 Pin + Earth
- Customer Reset Flap: IP65 Eight Module



**SS2FE MM 16A/32A**

A metered connection unit with a 16A Socket Outlet or a compression gland outlet for direct connection. Supplied complete with a 30mA 2 Pole RCD with an overcurrent device rated at a maximum 16A. The credit meter is a single phase din rail mounted single module device with a very low starting current and high Class 1 accuracy. Available in a 32A version within our standard CPES enclosure to accommodate the 32A Socket.

**S1FE**

A unmetred connection unit with a 16A Socket Outlet or a compression gland outlet for direct connection.

Supplied complete with a 30mA 2 Pole RCD with an overcurrent device rated at a maximum 16A. All switchgear is fitted behind a reset flap for easy access.

The unit is supplied with 2 x 35mm Terminals for incoming cable connection along with a brass gland plate drilled to suit your incoming cable.

**Features**

- Enclosure Rating: IP56
- Terminals: 2 x 35mm
- RCD: 30mA 2 Pole
- MCB: 16A maximum
- Socket Outlets: 16A 230V IP44 2 Pin + Earth
- Customer Reset Flap: IP65 Four Module

**Product Dimensions**

| Height | Depth | Width |
|--------|-------|-------|
| 240mm  | 90mm  | 190mm |

**Features**

- Enclosure Rating: IP56
- Terminals: 2 x 35mm
- RCD: 30mA 2 Pole
- MCB: 16A maximum
- Meter: 45A Class 1 Single Module
- Customer Reset Flap: IP65 Four Module

**Product Dimensions**

| Height | Depth | Width |
|--------|-------|-------|
| 240mm  | 90mm  | 190mm |



Socket Outlet: 16A 230V IP44 2 Pin + Earth version illustrated.

The products illustrated here give the park operator the choice of metered or unmetered units. It is generally regarded as standard practice to meter privately owned holiday homes. Unmetered units are also available for letting units. Metering gives the park operator a simple method of charging customers for the electricity they have consumed.



**S1F Holiday Home Unmetered Unit**

The entry level connection unit for holiday home supplies. With a side mounted 16A socket outlet, the unit offers simple yet effective protection of supplies to a holiday home. A glanded outlet version can be supplied if preferred and can also be supplied without the customer reset flap.

| Product Dimensions |       |       |
|--------------------|-------|-------|
| Height             | Depth | Width |
| 240mm              | 90mm  | 190mm |



**S2 Metered Unit**

Some park owners prefer their holiday homes not to have access to the control devices of the meter. This unit is designed to meet this need and is possibly the best available. The enclosure is a hinged and tri-lockable type and is manufactured to the highest standards. This unit is available with socket outlet or direct glanded connections.

| Product Dimensions |       |       |
|--------------------|-------|-------|
| Height             | Depth | Width |
| 315mm              | 135mm | 235mm |



**SS2F Holiday Home Metered Unit - 16A/32A**

The most popular connection unit in our range, the SS2F 16A can be supplied with either a side socket as shown or a socket mounted on the base of the enclosure. The polycarbonate reset flap allows the user to safely reset the RCD or MCB protecting the home.

| Product Dimensions |       |       |
|--------------------|-------|-------|
| Height             | Depth | Width |
| 300mm              | 120mm | 220mm |

Increasing demands for larger supplies for holiday homes has seen the creation of the SS2F 32A unit giving the park operator greater flexibility when deciding upon pitch supplies. An MCB of up to 32 amps can be fitted, with the parks cable infrastructure designed around this increased supply.

**SS2F TVT Holiday Home Metered Unit - 16A/32A**

Due to the increased demand for both terrestrial and satellite channels to holiday homes, we have developed this enclosure to accommodate both the electrical equipment of the popular SS2F and a screened area for TV connection components.

| Product Dimensions |       |       |
|--------------------|-------|-------|
| Height             | Depth | Width |
| 300mm              | 120mm | 380mm |

Compression type cable glands are fitted to the enclosures base to allow a looped TV coaxial cable along with the coaxial supply for the holiday home.

This connection unit is available with either 16A or 32A socket outlets and can if required incorporate an externally mounted coaxial outlet.



## Holiday Home & Park Home Connection Units

05



### RR1F Park Home Metered Unit

The RR1F Metered Connection Unit is now very popular with park operators and residents alike. With the well known sensitivity of RCDs, the ability to have simple access to the protective devices is of paramount importance. The reset flap allows access for resetting tripped RCDs and MCBs and avoids the need for removing the lid of the enclosure. Rated supplies of up to 80A are available.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 300mm  | 120mm | 220mm |



### R1 Park Home Metered Unit

Park Operators not wishing their tenants to have access to the switchgear will require the R1 Metered Connection Unit. A rated supply of up to 80A is available and as standard the unit is supplied with a tri-locking door. An upgrade to a key lock is available as is a meter viewing window.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 315mm  | 135mm | 235mm |

### R2 Metered Unit

This unit allows the control equipment and metering for two homes all within one enclosure. Final connection to the homes is made by steel wire armoured cable. A main switch is provided to allow complete isolation of the two sets of protective devices and meters. The unit is key lockable as standard.



#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 425mm  | 160mm | 310mm |



### R8 Bulk Metered Unit

The R8 allows the centralised metering of up to eight park homes within a single enclosure. Rated at IP65, the key lockable housing includes a main isolator, individual earth leakage and overload protective devices and metering equipment all cabled back to din rail terminals for outgoing circuit termination.

Incoming supplies can be either single or three phase with outgoing switchgear rated at up to 60A. Alternative versions are available with reduced outgoing supplies if required.

The enclosure can be either wall mounted or a galvanised mounting frame with pvc shroud can be supplied.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 728mm  | 250mm | 515mm |

## Touring Connection Units



### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 300mm  | 120mm | 220mm |

### TT2F/3F/4F Touring Connection Unit

The most popular touring connection units in our range, available in 2, 3 and 4 way versions, incorporates the ever popular customer reset flap. This allows easy access to the protective devices and gives the user the ability to reset any tripped component. Earth Leakage and Overload devices up to a maximum 16A are fitted within the unit. An additional mounting stake allowing a socket height of at least 500mm can be supplied at additional cost.



### T3 Lockable Touring Unit

Ultimate control of touring outlets can be gained by having the protective devices under lock and key. All locks are 'keyed alike' and this facility enables the park operator / maintenance staff to keep a check on socket availability and condition.

Earth leakage and overload devices up to a maximum 16A are fitted within the unit. Alternative connection unit versions include two and four way.

### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 300mm  | 135mm | 190mm |

### UXB Multi-Use Bollard

A multi-use bollard for developments ranging from caravan parks and riverside moorings to market places and stately homes. Anywhere that requires a combination of the strength of steel and the ability to offer socket outlets can benefit from this heavy duty product.

The unit is designed to allow up to four 16 amp plugs to be in place in the socket outlets with the door locked shut.

### Product Dimensions

| Height | Width |
|--------|-------|
| 1200mm | 193mm |



### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 300mm  | 120mm | 220mm |

### TT2FL Touring Connection Unit with Light

This very popular unit satisfies the demands of many touring park operators requiring a combination of low level lighting and touring connection outlets in one unit. Separate control of the light via a photo-cell to the 9 watt low energy lamp gives added security at low cost.

The unit is also available in three or four way versions. As in all of our most popular touring units, this product features the weatherproof polycarbonate flap for access to the protective devices. The whole unit is mounted on a 1.7 metre galvanised mounting stake.



### TT2FM Credit Metered Touring Unit

The most cost effective way of metering touring pitches is by utilising our credit meters in a two-way connection unit. Ideally suited for seasonal tourers, the meters can be read through the viewing windows or a reset flap at intervals to suit you and the relevant charge made for electricity consumed.

### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 380mm  | 120mm | 300mm |



### TT2F MM Modular Metered Touring Unit

A two way touring unit incorporating 'single module' credit meters. The increasing demands on a touring parks electricity supply in the modern era has seen a huge leap in demand for metered touring connection units.

Available in two, three or four way versions or alternatively in some cases as an 'add on' to your existing touring units, the facility gives greater control of your supply simply by making people responsible for their electrical consumption.

### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 300mm  | 120mm | 220mm |

## 5CL Connection Units



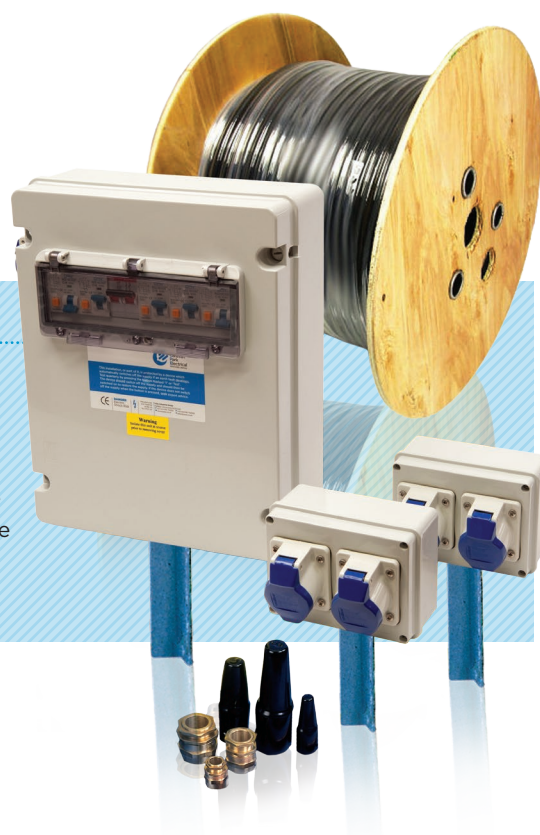
### TT5 FCL Touring Control Unit

A unit specifically designed for use on Hideaway Club Sites with restricted numbers of pitches, the control unit incorporates one outlet and the necessary control devices. Remote use of TU1 or TU2 hook-ups sited in the positions required complete the five pitches.

All switching and resetting of circuit breakers is via a polycarbonate weatherproof flap located directly on the control unit.

| Product Dimensions - Control |       |       |
|------------------------------|-------|-------|
| Height                       | Depth | Width |
| 380mm                        | 120mm | 300mm |

| Product Dimensions - TU2s |       |       |
|---------------------------|-------|-------|
| Height                    | Depth | Width |
| 110mm                     | 70mm  | 150mm |



### 5CL Packages

We offer a variety of packages specifically designed for land owners who set up a certified location (5CL) site.

There are a number of questions we need to ask to ensure you are provided with a quotation for a package that suits your requirements, so please call for further information or drop us an email at [sales@cpes.co.uk](mailto:sales@cpes.co.uk)

#### Typical Package includes:

- 1 x 5 Way Control Unit
- 2 x 2 Way Remote Units
- 3 x 1.5 metre Mounting Stakes
- 40 metres of 16mm x 2c Cu Cable
- 50 metres of 2.5mm x 4c Cu Cable
- 2 x 25S 3 Part Brass Glands
- 4 x 20S 3 Part Brass Glands



### TTCU6F Touring Control Unit

The cost-effective answer to commence a simple connection unit system for your touring park. Six socket outlets in total mounted onto three enclosures but with all the protective devices within the main control enclosure.

A relatively simple cabling system will allow the supply to the two satellite connection units to be taken from this control enclosure. Control equipment includes six 30mA RCBOs with a maximum rating of 16 amps.

| Product Dimensions - Control |       |       |
|------------------------------|-------|-------|
| Height                       | Depth | Width |
| 380mm                        | 120mm | 300mm |

| Product Dimensions - Remotes |       |       |
|------------------------------|-------|-------|
| Height                       | Depth | Width |
| 110mm                        | 70mm  | 150mm |



### NB Series Bollard

The most popular touring bollard in our range is the NB offering style, strength and durability in an easy to install and maintain shell. We offer four frame sizes in the NB range with the Size 3 being the most common for touring pitch supplies. Sizes 1 and 2 are mainly used as complimentary lighting post and service point bollards and Size 4 are used for manufacturing complimentary Distribution Units.

The internal chassis of the NB bollards are manufactured from polyethylene with the outer shell from Acrylic Capped ABS. This gives a combination of high UV stability and scratch resistance to the outer shell along with strength and a non-corrosive benefit to the chassis.

The standard colours available in this material are ivory, blue and black. Further colours can be offered in alternative materials including Woodland Green and Golden Oak. The complete design and manufacturing process is carried out 'in-house'.

**The NB bollard range has been tested to BS EN 60592: 1992 by the British Standards Institute Environmental Laboratory and achieved IP65 Compliance against dust and water ingress.**

Services including electric (metered or un-metered), water, TV and data can be catered for within the bollard. Illumination is provided by either a 2D 16W lamp or a 3W LED light cluster (Light Emitting Diode).

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 1147mm | 300mm | 300mm |



#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 285mm  | 245mm | 245mm |

### Galvanised Mounting Frog

Our Galvanised Mounting Frogs are available to suit the NB and Eurobollard ranges of touring connection bollards. Manufactured from mild steel, four M10 studs are welded to the frog as main bollard anchoring points prior to the frog being hot galvanised. This product can also be used in conjunction with the Galvanised Gully with Stainless Steel Lid.



### Galvanised Gully with Stainless Steel Lid

This product is used in conjunction with our Galvanised Mounting Frog and an NB bollard where a water outlet is provided. The galvanised gully connects directly onto your underground pipe network and allows grey waste hose connection from a touring caravan through the hinged and sprung flap on the stainless steel lid. The 314 grade stainless steel lid has two tri-locks fitted for maintenance access and is laser cut with a grate to clear any water spill from the tap mounted on the bollard.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 205mm  | 335mm | 490mm |

Width 615mm with combined gully and frog.





### Eurobollard

An alternative to the NB bollard is the Eurobollard. Rotationally moulded from Polyethylene the bollard offers a 360 degree illuminated head with a 16W low consumption lamp controlled by a photocell. The same level of services can be provided as with the NB range. Galvanised Mounting Frogs can be provided to concrete in to the ground.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 1170mm | 400mm | 400mm |

### Bollard Chassis

Our Bollards can be supplied in a range of sizes and heights to accommodate your required services. The internal chassis is made up of 5 key components securely bolted together and manufactured from polythene.

### Material Options

Our standard outer shell is manufactured from ABS and is available in blue, black and ivory. Other ABS material options include wood effect and smooth finish are available in a range of colours, along with stainless steel and powder coated aluminium.

### Light Options

Within the illuminated head we supply as standard a 2D 16W lamp but with an option to upgrade to a 3W LED cluster, both controlled using a dusk till dawn P12R photocell. An emergency lighting option is also available with battery backup.

### Socket Options

Single phase and three phase options are available from 16A to 400A. IP44 or IP67 socket outlets can be accommodated on our pedestal ranges.



### Additional Services

In addition to the standard sockets we can also offer extra services such as Water, TV and Data Outlets as connection points for your existing TV/Data network.

## SMART Metering

Park Operators are increasingly realising the importance of ensuring that each visitor to their park pay for the utility they consume.

The ongoing rise in energy costs means it is of paramount importance to ensure your customers act responsibly and don't waste energy heating unoccupied caravans and awnings.



### SMART Energy

A comprehensive SMART solution allowing you access to your meter consumption or generation data 24/7 from any pc with a broadband internet connection. A fully hosted web based solution means you have no software to install and maintain on your pc. You are fully in control of the functionality of your meters allowing you a mixture of pre-pay and credit formats.

Metering has long been accepted as the fairest method of ensuring people pay for the electricity they consume. This allows a degree, but only a degree of control to Park Operators and is certainly better than no meter at all.

The latest development however is SMART Metering, allowing you instant access and control to your energy data.

At CPES Ltd we understand this and have been working on a number of alternative solutions to provide you with a solution to the problem.



### SMART Control

Take control of your touring pitch outlets from you office with the flexibility of SMART control.

#### From you pc you can:

- Set the tariff
- Load credit onto a reusable card
- Set a validity date for the time period your customer is staying
- Charge a deposit for the card
- View outstanding unused credit

#### From the pedestal you can:

- Choose your socket outlet
- Download credit onto your chosen socket
- Return unused credit to the card



### SMART Vend

Suitable for touring or holiday pitches, a replacement for the traditional card meter but giving you much greater control of the electricity supply to your holiday or touring pitches. A card reader/writer and simple software is all you need connected to your office pc. Reusable cards are loaded with credit at the office and inserted into the meter at the pitch. Unused credit can be returned to the card but only to the card it was issued to.



## Car Charging

11



As UK electric car sales continue to grow we have developed a new car charging unit that complements our bollard pitch connection units.

The EV Charging Station shown here incorporates a token-based charging system for security and control.

The charging points offer two socket outlets: Type 2 Mode 3 charging at 20A and Mode 1 charging via a domestic socket outlet at 10A.

This unit, like many of our other products, is fully customisable as we design and manufacture the product here in the UK in our own factory. Further developments on car charging modules can be viewed on our website at [www.cpes.co.uk](http://www.cpes.co.uk)

## Mains & Distribution Equipment



### Distribution Units

Specialist Distribution Units are designed around incoming cable sizes and the number and size of outgoing circuits. The Distribution Unit range offers comprehensive isolation and switching of all supplies and circuits by utilising incoming Switch Disconnectors or an RCCB/MCCB arrangement and Miniature Circuit Breakers for outgoing ways. Each unit is manufactured to customer specifications including neutral and earth termination points and a pre punched earth continuity plate.



### Combination Distribution Units

Temporary or permanent electrical distribution networks can be designed and supplied to cater for any outdoor event you may be involved in. A combination of single phase and three phase supplies can be incorporated into any Distribution Unit. Galvanised support frames can be supplied to allow the easy removal of the system after an event.



## Camping Connection Unit



### Camping Light & Power Unit

CPES Ltd were the first company to supply the camping unit to European operators such as Keycamp and Eurocamp in the early 1980s.

The quality of tents has moved on along way since those early days as have people's expectations of their holiday.

The Control Unit featured here has a 16A plug and flex through a compression gland on the base of the enclosure. A 30mA RCD and 10A MCB offers switching and protection of up to two 13A socket outlets. A further 6A MCB protects the two bulkhead lights and can be placed each up to 5 metres away from the Control Unit.

The connection to your supply is then via the usual Arctic Grade Flex connection lead.

## Lighting



### NB Lighting Bollards

To complement our range of touring bollards we can offer lighting posts to the same exacting standards to compliment any area of your park.

The lighting posts are constructed around an internal chassis manufactured from HDPE (High Density Polyethylene). This consists of five individual panels bolted together using stainless steel fixings.

The sides and lid are manufactured from Acrylic Capped ABS with Pinseal finish. This has high UV stability and the Pinseal finish gives it superb scratch resistance. The sides are available in a variety of colour options including blue, black and ivory. We can also provide a 'wood effect' option using an alternative material.

#### Bollard Sizes Available

| Height | Depth | Width |
|--------|-------|-------|
| 532mm  | 180mm | 180mm |
| 832mm  | 180mm | 180mm |
| 1132mm | 180mm | 180mm |



### Cambria Lighting Post

The Cambria Lighting Post is manufactured from black polycarbonate with a transparent polycarbonate diffuser with internal louvre. The overall height is 710mm with a base flange and fixing positions. A low consumption 23W lamp is included and photocell operation can be included if required.

#### Product Dimensions

| Height | Diameter |
|--------|----------|
| 710mm  | 200mm    |



### Titano Lighting Post

The Titano Lighting Post's modern design ideally is suited to commercial applications. The product advertised shows an extruded aluminium body with a wood effect overlay and a stainless steel head with internal louvre. A full stainless steel option is also available. The overall height is 1000mm with a 750mm version also available. A low consumption 23W lamp is included and photocell operation can be included if required.

#### Product Dimensions

| Height | Diameter |
|--------|----------|
| 1000mm | 135mm    |



### Woodland 800 Lighting Post

The Woodland 800 lighting post is manufactured from African hard wood called Opepe. We supply this post untreated to give you the option of keeping the natural look of this African hard wood and allowing it to age and change with the climate, or treating it yourself to fall in line with a colour scheme you are trying to achieve.

The recessed brick light fitting houses a PL9 low consumption lamp. Cable access is via the removable cover on the front panel of the post. A galvanised shoe is provided and designed to be fixed down to a pre-cast concrete base or utility slab.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 800mm  | 140mm | 140mm |



### Woodland 360 Lighting Post

The Woodland 360 lighting post is manufactured from African hard wood called Opepe. We supply this post untreated to give you the option of keeping the natural look of this African hard wood and allowing it to age and change with the climate, or treating it yourself to fall in line with a colour scheme you are trying to achieve.

The Opepe post has a service channel and cover plate to discreetly hide the entry of the armoured cable supply. The illuminated head includes a 2D 16W lamp with an LED lighting option also available. A galvanised shoe is provided and designed to be fixed down to a pre-cast concrete base or utility slab.

#### Product Dimensions

| Height | Depth | Width |
|--------|-------|-------|
| 970mm  | 170mm | 170mm |



**Churchlight Lighting Post**

A die cast aluminium luminaire with a clear polycarbonate diffuser and integral fused cut out. Probably the most robust fitting available within our range. Lamp type options are 2 x PL9 or 50W SON. The bollard is supplied complete with a photo electric cell.

| Product Dimensions |          |
|--------------------|----------|
| Height             | Diameter |
| 1301mm             | 150mm    |

**Gamma Basique Street Light**

The Gamma Basique range of post top amenity lanterns is the popular choice for park operators throughout the country. Different canopy options are available with base assemblies and control gear of 70W SON as standard with a conversion kit available for 70W Metal Halide if a white light is required. The Photo Electric Cell ensures dusk to dawn operation and if ordered with a 5 metre round galvanised column, the package includes a fused cut out for cable supply termination and protection.



**Lighthouse Lighting Post**

Manufactured from high impact PVC with a polycarbonate fresnel lens, the Lighthouse Lighting Post has been designed to provide superior light output with minimal upward light pollution and maximum downward light transference. With an overall height of 1015mm, the post is supplied with a surface mounting kit and a 42W low consumption lamp.

| Product Dimensions |          |
|--------------------|----------|
| Height             | Diameter |
| 1301mm             | 150mm    |

**Liteway Lighting Post**

The low cost, low level lighting option. A fibreglass post available in 1000mm, 2000mm or 3000mm options is topped by a 250mm polycarbonate globe which houses a 12w Compact Fluorescent Lamp.

| Product Dimensions |          |
|--------------------|----------|
| Height             | Diameter |
| Variable           | 200mm    |

S1100



S800



### S1100 & S800 LED Lighting Bollard

Our new single piece construction LED Lighting Bollard offers style, quality and a lifetime guarantee against corrosion.

The special resin formula used in the production of this bollard means they are virtually maintenance free. They are self coloured, have high UV stability and are designed to last even in the harshest of environments.

Powered by a 230V supply the head incorporates either a 7W or 10W LED cluster in 'cool white' offering crisp LED light distribution. A mounting kit is provided to concrete into the ground for bollard mounting.

This product gives a contemporary look to lighting on a modern park so if you're aiming for the contemporary effect on your park, this could be a good option for you.

#### Features

- Energy savings of up to 88%
- Low CO<sub>2</sub> emissions
- Low maintenance
- Over 20,000 hours life span
- High quality

#### Product Sizes Available

| Height | Width Top | W x Base |
|--------|-----------|----------|
| 800mm  | 150mm     | 245mm    |
| 1100mm | 150mm     | 245mm    |

### Enviro Globe

The demand for low light pollution fittings has increased dramatically in recent times. The capped sphere of the Enviro Globe virtually eliminates upward light pollution and the internal aluminium Louvre further enhances the effect on downward light transference. The globe has a diameter of 500mm and is designed to fit a 76mm column which, if supplied, comes complete with a fused cut out for supply termination and protection. A remote mounted Photo Electric Cell for dusk to dawn operation would be required for automatic light level operation.

#### Product Dimensions

| Diameter |
|----------|
| 500mm    |



### G400 LED Post Top Light

The sleek curves and lines of this modern street light head incorporates six LED light clusters which operate individually to produce a warm even glow of light.

The head is UV stable, shockproof and its resin construction makes it rust and corrosion free giving you 'maintenance free' performance for years to come. The diffuser is a one piece construction available in either clear or opal.

Two LED options are available, either 42W or 60W offering savings of up to 63% on traditional lighting versions. The head fits directly onto a 60mm post top with a spigot available at extra cost for 76mm post top columns.

We can also offer the head in High Pressure Sodium or Metal Halide lamp versions incorporating an internal louvre stack to enhance downward light transference.

Within the range from this manufacturer there are brackets available for single or double column mounts, wall mounts and even a pedestal mount. We can also offer pathway bollards in the same modern style.

#### Features

- Energy savings of up to 63%
- Low CO<sub>2</sub> emissions
- Low maintenance
- Over 20,000 hours lifespan
- High quality

#### Product Dimensions

| Height | Diameter |
|--------|----------|
| 718mm  | 480mm    |



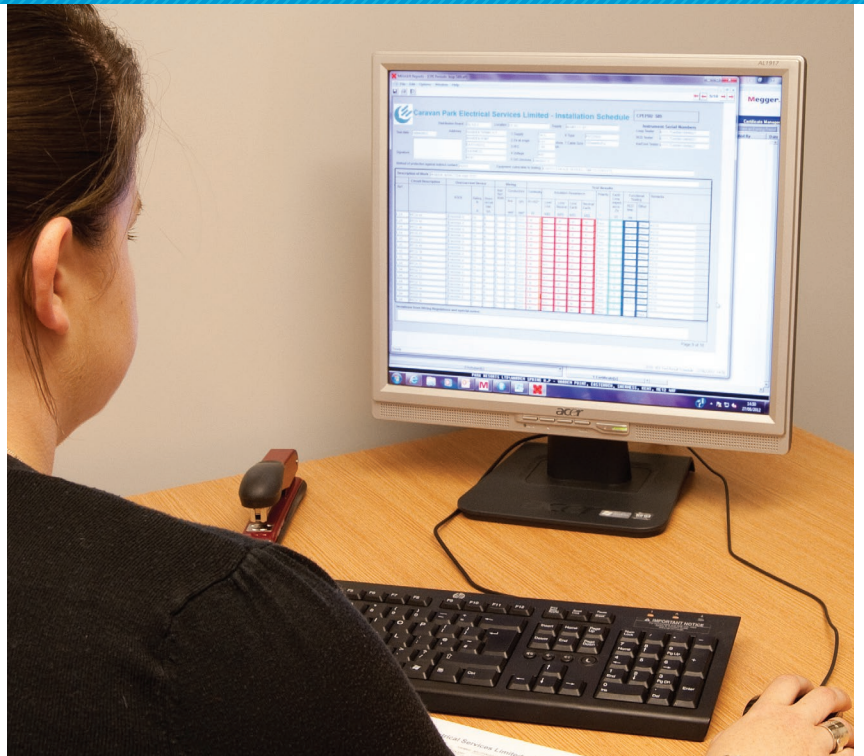
## BS7671 Test & Inspections

As an NICEIC Registered Contractor, we undertake periodic inspection reports for electrical installations on holiday, park home and touring parks throughout the United Kingdom conforming to the 17th Edition of the IEE Wiring Regulations. This forms the backbone of the requirements for all electrical installations with a section applicable to our industry. Further 'Guidance Notes' publications have also been issued which are applicable.

The general rule of thumb is that park external electrical installations require a periodic inspection report at the following intervals:

- **Holiday Parks - Every 3 years**
- **Touring Parks - Every year**
- **Park Home Parks - Every 3 years (with the exception of overhead installations).**

Please contact our Testing Department Sales Office for further information on this service.



## Accessories



### Stainless Steel Socket Locking Plate

Avoid unauthorised use of your socket outlets by fitting our socket locking plates. Manufactured from 304 grade stainless steel, the socket can be locked off by means of a padlock (not supplied) and simply unlocked to allow access again.



### Bib Tap Lock Off

Ultimate control of an expensive utility such as water can be achieved by this simple lock off device. With the lock in place the bib tap cannot be used. Removal of the pad lock will allow the use of the tap once again.

### Arctic Flex, Plugs & Couplers

The recognised cable for making the final connection between the pitch connection unit and holiday home is Arctic Grade Flex. This cable has a PVC insulation and sheath designed to operate and withstand severe climatic conditions. Arctic grade PVC remains flexible at a temperature of minus 20 degrees Celsius. Normal PVC, when flexed, becomes brittle at freezing point. 2.5mm and 4.0mm are available from stock along with 25 meter leads, 16A and 32A BS EN 60309-2 plugs and couplers.



### Lighting Conversion Kit

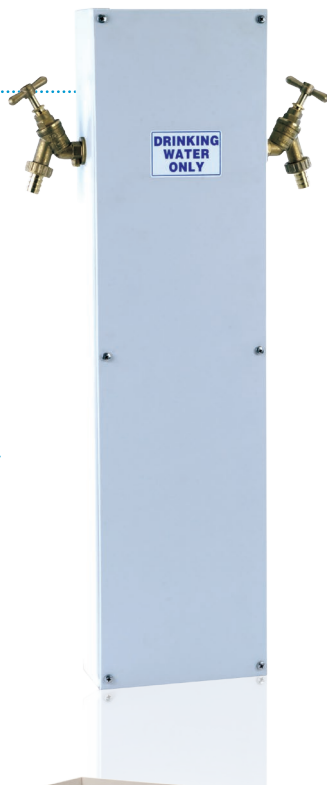
All you require to illuminate your existing touring connection units in one handy package. The kit includes galvanised adapter bracket, wired bulkhead light, lamp, photocell, 6A MCB or RCBO, compression gland and din rail terminals.





### Water Shrouds

Manufactured from 4.5mm Polypropylene, we manufacture shrouds to cloak the space between the base of any enclosure and ground level. The enclosure can be either our connection unit range or larger distribution unit enclosure range. Water outlets can be added to the side of the shroud if required.



### PVC Shrouds

Designed to complement our Distribution Unit and Mounting Frame ranges, each shroud is supplied with a removable access cover and provides a neat cloak around the supply cables between the ground and base of any Distribution Unit. Shrouds can also be supplied for our range of connection units in conjunction with a galvanised mounting stake.



### Photo Electric Cells & Lamps

Photo Electrical Cells and Lamps for every conceivable lighting project are available from our vast stock. From the simple SS4 photocell for the gamma basic street light to the multi adjustable Dasy 10 photocell, every lighting option can be switched using our extensive range. Lamps from 3 watt low consumption to 2000 watt metal halide are stock items and allow us to supply customers the length and breadth of the country usually on a next day basis if required.



### Metering Options

The metering of supplies has long been recognised as the fairest way of recovering the cost of electrical consumption per holiday home. In the 21st century, the modern day touring caravans consumption can outstrip a holiday home and in some cases the metering of supplies is essential particularly for seasonal tourers. This can be carried out relatively easily by the use of any one of a number of options available to park operators.

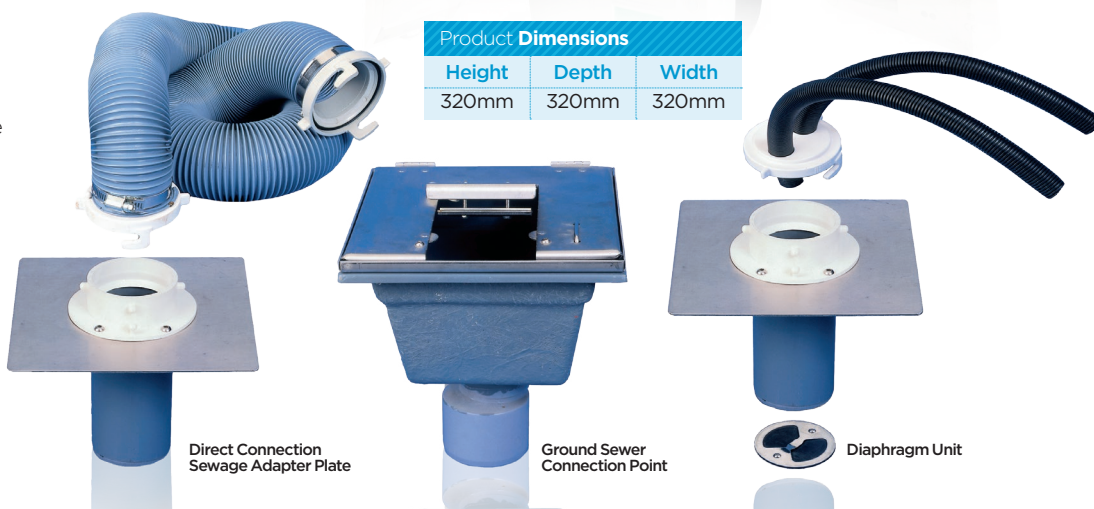
The meters advertised here range from our standard digital credit meter, the single module 'din rail mounted credit meter' through to the latest SMART meters designed to provide 21st century communication and control of services.



### Ground Sewer Connection Point

This highly successful method of waste/water disposal for an all service pitch allows for the disposal of all waste from a suitably equipped Recreational Vehicle or for grey waste disposal from a touring caravan. The stainless steel and rubber diaphragm is utilised when a touring caravan connects to the system but removed for an RV to allow the full disposal of all waste.

The complete unit can be mounted flush to the ground and connects onto the parks underground sewage system. The flexible pipes advertised here are not included with this product.



| Product Dimensions |       |       |
|--------------------|-------|-------|
| Height             | Depth | Width |
| 320mm              | 320mm | 320mm |

Direct Connection Sewage Adapter Plate

Ground Sewer Connection Point

Diaphragm Unit

## Accessories

### Modular Switchgear

RCDs are available from 25A to 100A in two and four pole versions with fixed sensitivities ranging from 30mA to 500mA. Time delayed RCDs are also available to protect certain minor installations.

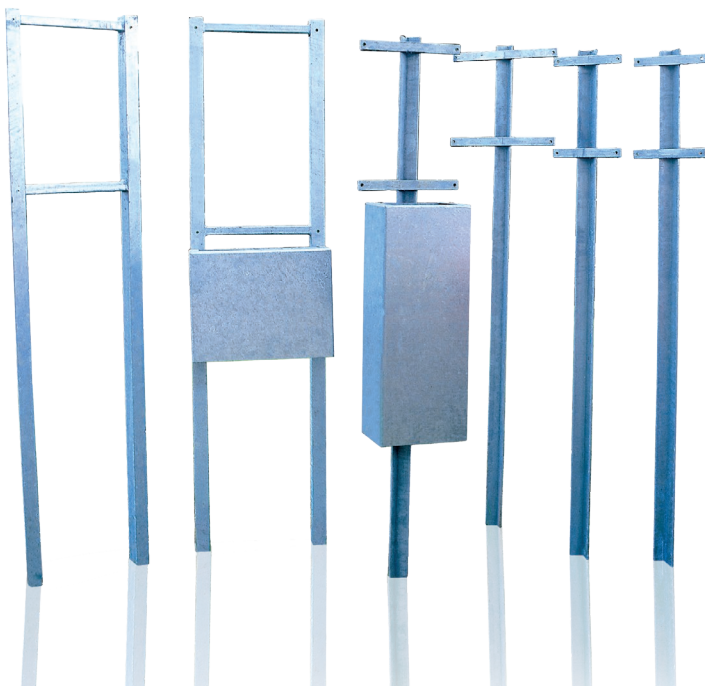
MCBs are available in single, double and triple pole versions ranging from 6A to 100A. The Type B standard is generally used for final circuit protection and to protect the cable supplying a holiday home. Type D MCBs are generally used for motor control where a pump is being supplied.

Switch disconnectors are available in double, triple and four pole versions and are used as single isolation points typically in distribution units. Current ratings of 100A, 125A, 160A or 200A are available and all units are DIN rail mounted to complement the protective devices they accompany.



### Mounting Stakes & Frames

A heavy duty galvanised mounting stake or frame is available for every enclosure utilised within our product range. Connection Unit stakes are available in 1200mm, 1500mm or 1700mm heights. Galvanised mounting frames for Distribution Units are available in either open front format or with the preferred PVC shroud, which cloaks the area between the base of the enclosure and ground level. Alternative sizes to suit individual customer requirements can be designed and manufactured upon request.

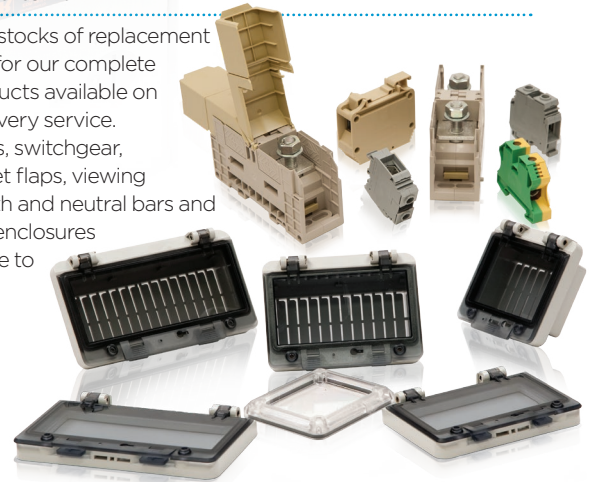


### Coin & Token Timers

Modern parks with up-to-date amenity blocks and laundrettes can increase their revenue from items such as hair dryers, iron centres, washing machine and tumble dryers by controlling their usage, and levying a charge by utilising a coin or token operated timer. Enamel or plastic cased timers are available in varying current ratings to suit the particular application.

### Miscellaneous Items

We hold vast stocks of replacement components for our complete range of products available on 'next day' delivery service. Sockets, plugs, switchgear, terminals, reset flaps, viewing windows, earth and neutral bars and replacement enclosures are all available to order at competitive prices.



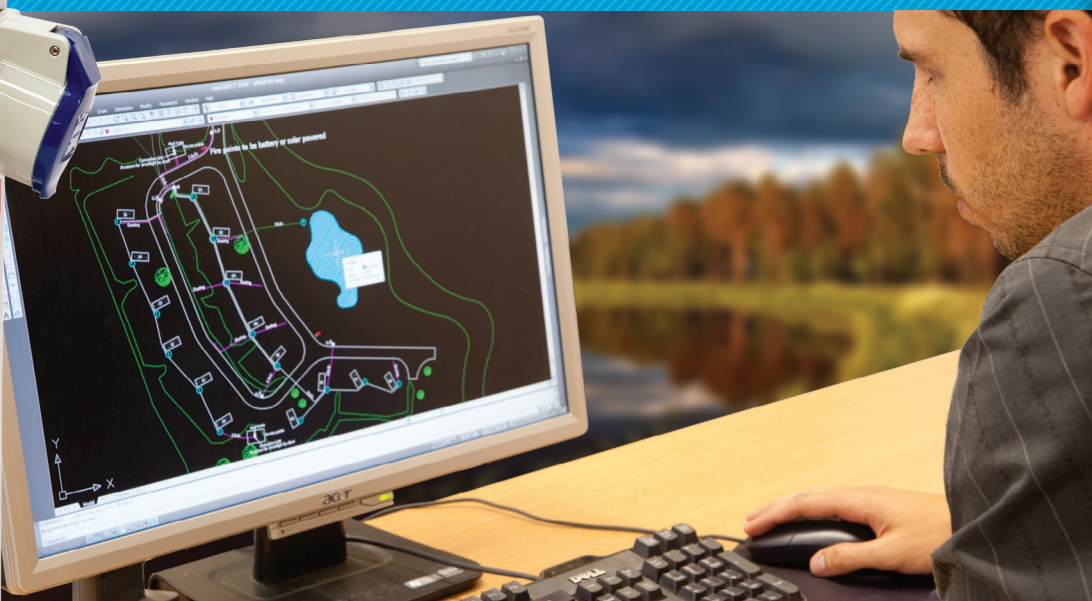
### Underground Cable Accessories, Earthing Equipment and Cable Glands

The picture illustrates a selection of the wide variety of accessories available. This includes underground cable marker tape for laying directly over cables installed in trenches, earth rods, clamps and covers for earth continuity at mains positions, distribution pillars and distribution units. Underground cable joints are also available for cables ranging in the cross sectional area from 1.5mm<sup>2</sup> to 300mm<sup>2</sup>.

For terminating cables into enclosures we have our three part brass glands, locknuts and shrouds, with an assortment of sizes from 20mm through to 75mm.

For larger cables, heat shrink terminations with continuity kits can be used in place of cable glands. Please talk to our sales office for advice and competitive prices.





Caravan Park Electrical are a design, manufacture and installation company which specialises in the leisure market with particular reference to the holiday parks industry. The brochure you have just looked through illustrates the core product range which the company has built its business around since 1982. Amendments have of course been made over the years in an ongoing effort to increase and improve our product range.

Site surveys and regulation compliance surveys are carried out and reports prepared in a coherent language to suit the technically and not so technically minded person.

Prompt site visits which encompass advice from a skilled Engineer as well as a 'no obligation' quotation are carried out at no cost. This quotation can be based on the following:

- Full contract quotation to include all civil works and NICEIC Certification.
- Supply and connect quotation to include NICEIC Certification.
- Supply only of specified material.

Telephone advice and information is available to cover any electrical matter pertaining to your park. Please contact us to discuss your requirement in detail and to request a quotation.

**At Caravan Park Electrical, we feel that no park is too big or too small for our attention and we look forward to helping you.**

In our continuing effort to improve any product on these pages, we reserve the right to substitute any component. We will, however, ensure that any substitution is of an equal or higher quality or standard than the product it replaces.



[www.cpes.co.uk](http://www.cpes.co.uk)  
[sales@cpes.co.uk](mailto:sales@cpes.co.uk)

**Caravan Park Electrical Services Limited**  
Vale Industrial Estate, Spilsby, Lincolnshire PE23 5HE  
T 01790 753153 F 01790 752559

