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PLANNING – DESIGN – INSTALLATION - SERVICE

Solution for Supply and Disposal

Marina-Equipment

Touring Solution

DURABLE – COST EFFECTIV - RELIABLE

WELCOME TO ECO-FRIENDLY CAMPING

Now available for Dometic-cassettes and Standard-SOG

CamperClean founded in 2010, specialized and focused on innovative supply- and waste management concept. CamperClean fully automatic cleaning station for toilet cassettes is a high-quality product made in Germany.

Honoured by ADAC-Camping-Award 2014.

- **Serve your guests with best practice and unique service.**

- **Discharge your sanitary system** and reduce costs for fresh- and waste-water, sanitary products and valuable stuff.

- **Quick amortisation:** repayment of CamperClean cleaning station for toilet cassettes within a year depending on level of utilisation.

CamperClean Service bollards combined with electricity-, TV-, data- outlets and water bollards for campsites. Durable and approved product.

www.camperclean.de   **info@camperclean.de**   **Tel. +49 (0)2853-4538**

CC-Supply and Disposal Solution for Motorhomes
Example

Pos. 3

Pos. 2

Pos. 1

Operation

- The Motorhome driver rides his vehicle onto the grey water drain (Pos 2) and positioned it, that its drain valve is right above the grey water drain.

- The CamperClean Station (Pos.1) detects the motorhome via an integrated sensor system and initiates the pre-cleaning of the grey water drain.

- The flushing nozzles (Pos2) clean the grey water drain.

- The driver opens his grey water valve and empties his tank. This takes several minutes depending on the tank size.

- While the grey water is disposing, the driver can automatically clean and empty his waste holding tank at the CamperClean station (Pos.1)

- After emptying, the driver rides to the fresh water bollard (Pos.3) to fill his fresh water tank.

- The into the CamperClean station (Pos.1) integrated sensor detects the vehicle riding off and initiates the secondary cleaning of the grey water drain (Pos.2).

Änderungen und Irrtürmer vorbehalten

CC- Fully Automatic Emptying- and Cleaning-Station

CC-Emptying- and Cleaning-Station

The fully automatic emptying and cleaning station is the robust solution which meets the latest technology. It is the first choice for pitches, camping parks, caravan rental and for those who wants to use an environmentally friendly and sustainable faeces disposal.

The Camperclean emptying and cleaning station works like a car wash, but especially for the cleaning inside. Faeces and impurities will be sucked out of the waste holding tank and it will be cleaned by water pressure. After cleaning the waste holding tank, it is immediately ready for use and filled with the right amount of water and microbiological sanitary additives. No stench or the risk of blue fingers.

Our patented, fully automatic emptying and cleaning station can be used indoors and outdoors. A winter variant is available for winter operation. A vandal-resistant version is available for self-sufficient operation at service stations.

Sizes

Indoor HxBxT 1850x1000x800mm
Outdoor HxBxT 1850x1000x900mm

Equipment

- Fully automatic emptying and cleaning Station for toilet cassette by Dometic and Thetford
- Emptying and cleaning of toilet cassettes with SOG system
- Automatic cassette detection with protection against misapplication
- Sensor technology to prevent blocking's
- Integrated Cleaning logic to accommodate the degree of contamination
- Air filter technology to avoid odours
- Injection of microbiological sanitary additive (no chemicals)
- LC display shows the inserted coins
- Payment by coin or metal token adjustable, price individually adjustable

*Honored by ADAC Camping Award 2014

Optional equipment

- Outdoor version with front roof to protect against weather influences
- Outdoor antifreeze. Double insulation station with trace heating for operation up to -20 ° C
- Front lighting integrated into front roof
- Sensor or push button for grey water drain control
- Alternative payment system with magnetic card or similar
- Vandalism protection. Stainless steel door, internal hinges, and switches, indicators as well as roller shutters as protected version
- Custom paint.
- Customizable design.

CC-Grey-Water-Drain
CC-P-100, CC-P-102, CC-P-104

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700 mm bis 3090 mm

CC-P-100
WxDxH   700x800x400mm
Thickness   3mm

CC-P-102
WxDxH   1600x970x400mm

CC-P-104
WxDxH   3090x970x400mm

CC-Grey-Water-Drain

Fast - Easy - Clean. Our theme. This also applies to our grey water drains, of course. For this reason, several years of research have been devoted to the components, which has led to the development of a reliable, hygienic and powerful product.

The drain is made of stainless steel AISI 304. The special construction of the grey water drain is accessible by coach without being damaged. In addition, the wide mesh and central sewer ensure excellent cleaning of the surfaces affected by the sewage.

Operation at low temperatures is guaranteed by the optional frost protection system, which makes this product suitable for winter use. It consists of a self-regulating heating cable, an electronic heating system and a thermostat, which ensure that the minimum temperatures required for the water pipes are maintained to prevent ice formation and cracks in the pipes.

Nozzles in operation

Optional equipment

- CC-P-100-LAV flushing system 5 nozzles
- CC-P-102-LAV flushing system 11 nozzles
- CC-P-104-LAV flushing system 21 nozzles
- CC-P-100-ICE heating system
- CC-P-102-ICE heating system
- CC-P-104-ICE heating system

Equipment

- Stainless Steel AISI 304
- Accessible by Coach, Caravan and Motorhome
- Frame and adjustable rack for levelling.
- Smell seal
- Drain protective grid
- Mounting rack

Stainless Steel Nozzle

Nozzle Lid

Änderungen und Irrtürmer vorbehalten

CC-Service-Bollard-Grey-Water-Drain
CC-S-210

CC-Service-Bollard-Grey-Water-Drain

The service bollards can alternatively be used instead of fully automatic disposal station for the operation of the grey water drain. The bollards can be operated mechanically, manually by means of a push button, automatically via a photo cell or automatically by means of coin slot. Almost all service bollards are compatible with the optional payment systems. The bollards can be equipped with taps, hoses for the manual cleaning of the drain. Drain and bollards are optional available with the ICE frost protection system, so that they can be used even at very low temperatures. An instruction manual is attached to each column.

Service-Bollard CC-S-210

Service bollard made of stainless steel for the control of the grey water drain by a photo cell. The photo cell controls the pre-cleaning and after-cleaning of the grey water drain when used by motorhomes, trailer caravans and coaches.

Configurable with disposal facility for toilet cassettes. Disposal drain self-cleaning with nozzles controlled by photo cell (CC-S-210-F) or button (CCS-210-P)

CC-S-210
HxBxT 1200x630x460mm
Thickness   1,2mm

Photo Cell

Equipment

- Material, stainless steel AISI 304
- Hose connection for cassette rinse (Does not replace drinking water bollard).
- Water tap for tank rinse ½"
- Water connection for grey water drain 1" at CC-P-100, 1 ¼ " at CC-P-102, 1 ½ " at CC-P-104
- Power supply 230V / AC

Equipment optional

- CC-S-210-ICE trace heating cable
- CC-S-210-VAC backflow preventer
- CC-S-210-VCS Sewage drain for toilet cassettes
- CC-S-210-VCS-F Sewage drain for toilet cassettes with photo cell
- CC-S-210-T Mounting frame

Änderungen und Irrtürmer vorbehalten

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CC-Service bollard for toilet cassettes

The service bollard is characterized by its simple application. It is operated via a pedal or a photo cell, thus avoiding contact with contaminated surfaces.

The spout has been specifically designed so that no foreign bodies (usually waste) can't get in, which is essential for long-term use and minimal maintenance in public facilities.

Each basin is equipped with a tap, which allows to rinse the toilets. On request, the bollard can be equipped with a heating system.

Service bollard CC-V-304

Service bollard for toilet cassettes.
Self-cleaning with 3 stainless steel nozzles, which are activated via the foot pedal (V-304-RP), the photo cell (V-304-F) or the time-controlled push button (V-304-P). As a completion of the equipment, there is a tap for rinsing the cassette.

CC-V-304
HxWxD   120x36x36mm
Thickness   1,2mm

Foot pedal
V-304-RP

Button
V-304-P

Photo cell
V-304-F

Equipment optional

- CC-V304-ICE Heating system
- CC-V-304-T Mounting frame

Equipment

- Material, stainless steel AISI 304
- Protection flap with operation via foot pedal
- Hose connection for cartridge rinse (Does not replace drinking water column).
- Water tap for tank rinse½"
- Power supply 230V / AC für V-304-P / -F

Änderungen und Irrtürmer vorbehalten

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.

Ground Sewer Connection Point

HxWxD 320x320x320mm

Direct Connection Sewage
Adapter Plate

Diaphragm Unit

Änderungen und Irrtürmer vorbehalten

CC-Service-Bollards Eurobollard

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.

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.

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.

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.

CC-Smart Card

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.

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.

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

From your 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 bollard you can:

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

Änderungen und Irrtürmer vorbehalten

Power Supply for Motorhome pitches

With only one master bollard, you can supply up to 12 pitches via satellite bollards. With the built-in touch panel in the master bollard control options are provided for up to 12 CEE sockets. You can integrate 4 CEE sockets into the master bollard and control another 8 CEE sockets in satellite bollards.

Equipment:
- Innovative touch panel of the latest generation with up to 12 control outputs
- Expandable by satellite bollards with 1 to 4 outlets
- Master bollard with up to 4 integrated CEE sockets
- Payment system via RFID or coin
- Billing according to kWh

Option:
- Ambient lighting, 3W LED set with photo cell
- Standard colours: Ivory, Deep-Black, Ocean-Blue, other colours on request
- Design: Golden-Oak skin made of ABS in wood design, metal grey Dibond shell in grey with metallic effect or Woodland-Green shell in green
- Stainless steel panel: Stainless steel shell
- Galvanized mounting frog

Master-Bollard with RFID payment-system and Touch panel

Bollard with socket outlet

Änderungen und Irrtürmer vorbehalten

Water bollard with time-controlled release of water quantity

Brass gland plate
Water isolation valve 15mm
Non-Return valve
½"brass bip tap with hose union
RCBO 6A, 2-pole
On-Off button illuminated, green ON red OFF
Optional 2 button for ON-OFF.
Electronic Coin-Validator
Lockable coin box
Free adjustable release of water quantity, timed
Colour: Metal-Grey

Option:

Illuminated head we supply as a 3W LED cluster, controlled using a dusk till dawn P12R photocell.
Heating system to avoid freezing
Stainless steel skin AISI 304
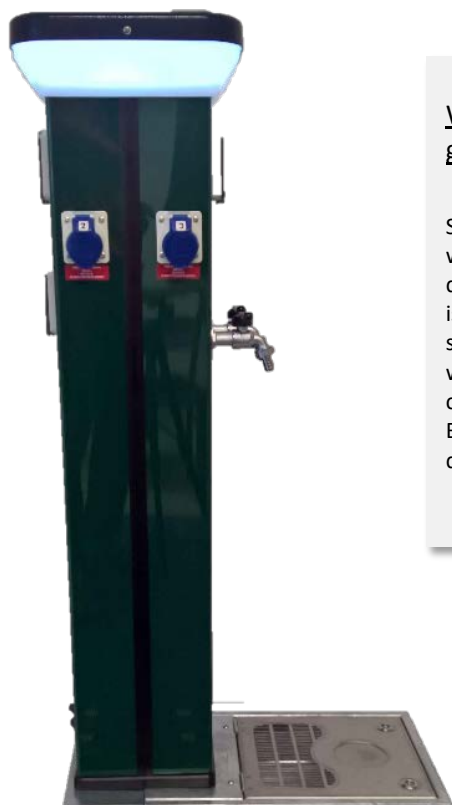
HxWxD 1147x300x300mm

Mounting frog

HxWxD 285x245x245mm

3W LED illuminated head

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.
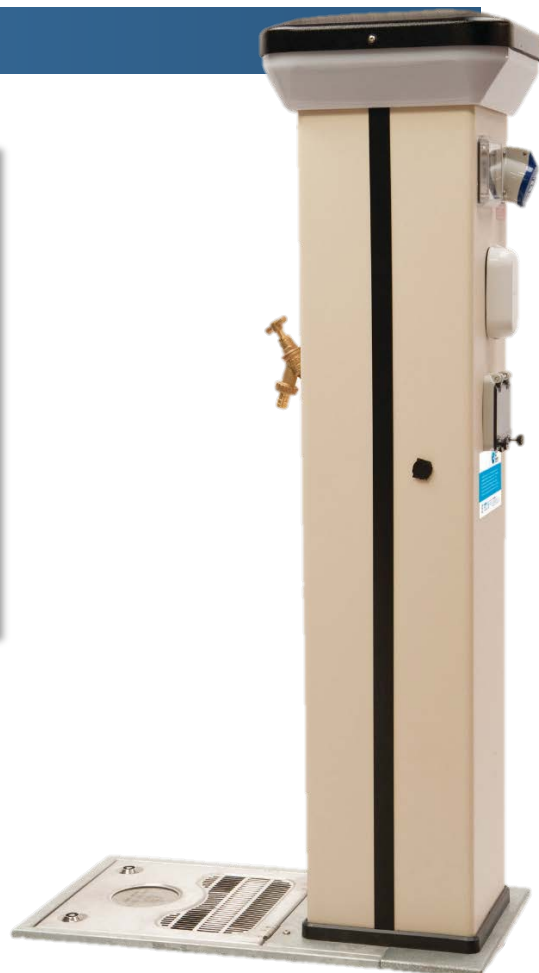
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Water bollard for fresh- or greywater

Service bollard NB3 for fresh or grey water with water connection. Optional, drain with stainless steel flap. The drain is connected directly to the sewage system and allows the disposal of grey water via a hose connection between the caravan and the drain via the spring gate. By opening the stainless steel flap, the drain is easy to maintain.

HxWxD 1147x300x300mm

Option:

Illumination: head illuminated, 3W LED-set with P12R photo cell
Heating system: Protection against frost and pipe break, with thermostats, self-regulating heating cable
Gully, galvanized with stainless steel flap
Skin: Stainless steel shell

Mounting frog

HxWxD 285x245x245mm

3WLED illuminated head

Galvanized Gully with stainless steel flap

HxWxD 205x490x335mm
Width 615mm in combination
Gully mounting frog

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.

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.
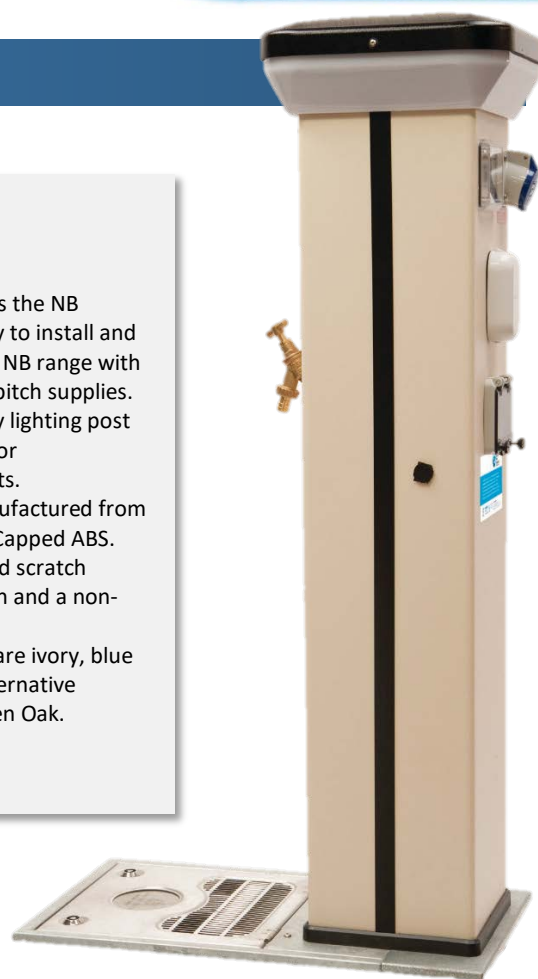
HxWxD 1147x300x300mm

Option:

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

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.

HxWxD 285x245x245mm

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.

HxWxD 200x490x335mm
Width 615mm with combined gully and frog

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.

CC-Essentials

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CC-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.

HxWxD 240x190x90mm

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

CC-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.

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

HxWxD 240x190x90mm

HxWxD 240x190x90mm

CC-S1FE

An unmetered 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

CC-SS2FE MM

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.

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

HxWxD 240x190x90mm

CC-Holiday- and Park Home Unit

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.

CC-S1F 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.

HxWxD 240x190x90mm

CC-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.

HxWxD 315x235x135mm

CC-SS2F 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.

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.

HxWxD 300x220x120mm

CC-SS2F TVT 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.

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.

HxWxD 300x380x120mm

Änderungen und Irrtürmer vorbehalten

CC-Holiday- and Park Home Unit

CC-RR1F 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.

HxWxD 300x220x120mm

CC-R1 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.

HxWxD 315x235x135mm

CC-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.

CC-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.

HxWxD 728x515x250mm

HxWxD 425x310x160mm

Änderungen und Irrtürmer vorbehalten

CC-Touring Connection Units

CC-TT2F/3F/4F

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.

HxWxD 300x220x120mm

CC-TT2FL/3FL/4FL mit Licht

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.

HxWxD 300x220x120mm

CC-T3 Lockable

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.

HxWxD 300x190x135mm

CC-TT2FMM Modular Metered 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.

HxWxD 300x220x120mm

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.
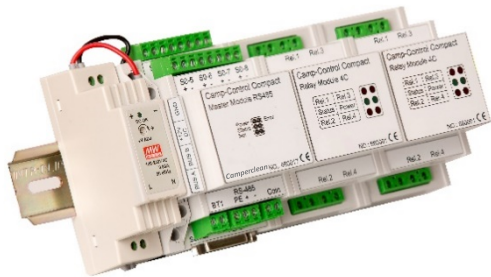
Combination Distribution Units

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.

Änderungen und Irrtürmer vorbehalten

SmartControl system radio module

Remote meter reading and socket activation / deactivation specifically for campsites

Data transmission either via radio or cable

Cost-effective electricity bill instead of electricity flat rate

Increasing consumer awareness

Avoidance of wasteful use at the expense of the operator

Continuous operation of fan heaters or other energy-intensive consumers is significantly reduced

Just bill, everyone pays what he consumes

Unauthorized use of electricity is eliminated by remote switching (on / off) of the socket

Cost and time savings, electricity readings on the site is eliminated.

High acceptance and understanding among the guests due to fair billing

Benefits

Transmission via radio. PowerLine Carrier or Cable, Secure Data Transmission

No dredging work, as transmission takes place via radio or via the existing power grid

Easy to use, meter reading and unlock / lock at your fingertips

Display of consumption in Kw / h with calculation of costs in €

Interface to various campsite management systems, multilingual software

Existing distribution cabinets can be retrofitted if necessary

System available from 1 to 32 sockets per power distribution cabinet

Total system expandable up to 1000 pitches and more

Distribution cabinets can also be delivered prepared for later retrofitting

Cost effective solution, rapid amortization, system already often installed in Germany

Änderungen und Irrtümer vorbehalten

Camping Light & Power Unit

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.

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.

Place

Bollard Sizes **Avaliable**

Hight	582mm,	832mm,	1132mm
Width	180mm,	180mm,	180mm
Depth	180mm,	180mm,	180mm

Deco Lighting Post

 The Deco Lighting Bollard is designed to give a comfortable, low glare lighting output. The robust and attractive bollard is designed with a classic look suitable for a host of lighting schemes. It comes with LED, a range of lamps, emergency options and photocell options. Manufactured from high pressure die-cast aluminium.

Features
- Efficacy 86.7 luminaire lm/W
- 2000-4200k (HID) 4000k (LED).
- Life span 50,000hr L70
- Bolt on root option
- Symmetrical distribution
- Emergency option
- Photocell option

H 1000mm D 186mm

Titan 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.

H 1000mm D 135mm

Woodland 800

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.

HxBxT 800x140x140mm

Woodland 360°

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.

HxBxT 970x170x170mm

Änderungen und Irrtürmer vorbehalten

CC-Licht-Pfosten

Lincoln Lighting Post

 The Lincoln Lighting Luminaire incorporates style, strength and a unique appearance to enhance any lighting scheme on your park.

Constructed from extruded aluminium with a die-cast aluminium head and a transparent polycarbonate diffuser with a unique
integral conical reflector.

 Designed to be surface mounted and supplied with a 26W pin TC-T lamp as standard.

 A galvanised mounting frog can be supplied at extra cost for you to concrete into the ground if required.

H 1050mm D 200mm

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.

H 1301mm D 150mm

S1100 & S800 LED Lighting Post

Hight	Width Top	WxBase
800mm	150mm	245mm
1100mm	150mm	245mm

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 CO2 emissions
· Low maintenance
· Over 20,000 hours life span
· High quality

e-Charge

The latest edition to the CPE product range is the e-Charge electric vehicle charging point. This is a stand-alone charging facility using industry standard mechanical fittings and electrical accessories particular to the EV charging market.

Single phase charge by a 7kw Type 2 Mode 3 charging socket giving up to 30 miles of range per hour of charge.

The status of the charge point is identified by coloured LED illumination. Control is managed via a two position keyswitch.

Features

- IEC62196 (Type 2) charging socket
- 16amp (3.6kW) or 32amp (7.2kW) charging options available
- Mode 3 IEC61851-1 compliant communication
- Built-in LED charging indicator
- Easily accessible switchgear via customer reset flap
- Two position keyswitch giving you control of socket availability.

Änderungen und Irrtürmer vorbehalten

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The latest edition to the CPE product range is the e-Charge electric vehicle charging point. This is a stand-alone charging facility using industry standard mechanical fittings and electrical accessories particular to the EV charging market.

Single phase charge using a tethered lead giving up to 30 miles of range per hour of charge.

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CC-SmartCard

• Cashless use of facilities on camping sites and marinas

• Contactless RFID technology

• Can be used for showers, washing machines etc.

• Access authorization with adjustable authorizations

• Barrier control for various cabinet systems

• Various payment terminals with parking space and berth bill, card issue and return, payment in cash or with EC card

• Easy and independent adjustment of prices and equipment functions

• Support for multiple languages

• Multi-user-friendly, easy-to-use PC software with booking statistics and barrier control

• Compatible with our campsite management software

Änderungen und Irrtürmer vorbehalten

CC-SmartControl Terminal IV, IV-S und V

Card terminals for recharging balances to the card issue, redemption and for the billing of pitches- and mooring fees

CC-SmartControl Terminal

- Payment of pitches and moorings by coin, voucher or EC card
- Up to five price categories can be set, billing of a tourist tax
- Card issuing with credit and card deposit
- Card withdrawal with credit balance and repayment
- Card storage for 180 cards, optionally also more
- Display of remaining cards
- Printout for each payment process
- Multilingual user guidance - German and English, others on request
- Card deposit and pitches- / mooring prices freely adjustable by the operator
- Depending on the type, you can choose between 350, - € and 1,600, - €
- Simple and intuitive operation via stainless steel buttons
- Ultra-bright 6.5 "odrer 8.4" color monitor suitable for outdoor applications
- Cash register, Z-Bon and statistics functions
- Robust steel or stainless steel housing for flush mounting or as a stand unit
- Charging on the rear, LED lighting on request
- Fronts are available in different RAL colors, depending on the device type
- Interface to camping management programs available as an option

Type	Hight	Width	Depth
IV-S	1500mm	400mm	400mm
IV	700mm	500mm	250mm
V	900mm	700mm	400mm

CC660094 & CC660095 Control Terminal

Type V Control Terminal CC660094 Cash and EC machine with card issuing and return as well as mooring payment.

Type IV / IV-S Control Terminal CC660095 Automatic cash dispenser with card issuing and return as well as mooring payment. As an installation and freestanding variant.

Power supply 230V / AC. Power consumption approx. 30W

CC-SmartCard Terminal

Check in Terminal for EC-card and or cash. Loading and unloading SmartCards.

Billing of pitches. - and mooring fees

CC-SmartCard Terminal

- 12 "or 20" touch screen with site map and pitch choise
- Check-in and check-out of guests
- Payment of pitches and moorings
- The complete price calculation takes place via adaptable booking software, e.g. "Easy camp"
- Card issuing with credit balance and pledge
- Card withdrawal with payment of remaining credit via EC credit.
- additional function for e.g. Bread roll service or for sale of other products and services
- Combination with camera system at the barrier possible
- Card memory for 150 cards, optionally larger
- Display of remaining credit on the card
- Document printout for each payment transaction
- Multilingual user guide -D, GB, NL F, ES, DK, SE others on request
- Simple and intuitive operation via touch screen
- Ultra-bright monitor especially suitable for outdoor use
- E-mail transmission of billing data and error messages
- Robust powder-coated steel or stainless steel housing for wall mounting or as a stand-alone unit
- Fronts available in different RAL colors depending on the device type

Sizes and dimensions on request	
Power supply	230V / AC
Power consumption	ca. 60W

Änderungen und Irrtürmer vorbehalten

Credit Balance- and Period of Validity

CC660063 SmartControl

- Display of user instructions and display of credit balance.
- Multilingual text output on the display
- Housing suitable for flush mounting and flush mounting
- Waterproof according to protection class IP-66
- Impact and scratch resistant acrylic front
- Optionally available in various RAL colors
- Power supply 230V / AC. Power consumption approx. 2W.

Hight	Width	Depth
200mm	120mm	60mm

![amperClean logo - PURE AND SIMPLE]

Access control for free or chargeable access with different permissions. Areas of application: Washhouses, saunas, family baths, waste disposal sites

CC-SmartCard Access

• Display for user instructions and display of the debited amount

• Multilingual text output on the display

• Individually definable access rights for different premises

• Combination possibilities for different access rights

• Free or chargeable access is adjustable

• Two adjustable spear times, e.g. for night rest

• Two cost tariffs for different types of guests

• Check the validity period of the card

• Card blocking

• Easy and independent adjustment of prices with a configuration card

• Create an individual configuration card using PC software

• A relay output for controlling an electric strike

• Housing suitable for wall mounting and flush mounting,

• waterproof to IP-66

• Impact and scratch-resistant acrylic glass front

• Optionally available in various RAL colours

CC660050 & CC660051 SmartCard

Power supply CC660050 230V/AC
Power supply CC660051 12-24V AC. or 12-24V DC.
Power consumption ca. 2W

Hight   Width   Depth
120mm 120mm 37mm

Änderungen und Irrtürmer vorbehalten

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PURE AND SIMPLE

Washing machine- und tumble dryer control with time billing and individual debiting from the card. Areas of application: washing machines, tumble dryers, etc.

CC-SmartCard Washning machine- and tumble dryer control

- Display for user instructions and display for credit balance
- Multilingual text output on the display
- Charges the amount for the complete washing or drying process when the card is hold at the unit
- Suitable for conventional or industrial washing machines and tumble dryers
- The machine can be switched on for a short time after the end of the program to put out the wash
- Easy and independent adjustment of prices with a configuration card
- Create an individual configuration card using PC software
- A relay output for controlling a load contactor for connection to the machine
- Housing suitable for wall mounting and flush mounting, waterproof according to protection class IP-66
- Impact and scratch resistant acrylic front
- Optionally available in various RAL colours

CC660064 & CC660066 SmartCard

Typ C SmartCard CC660064 conventional machines
Typ I SmartCard CC660064 industrial machines

Power supply CC660050 230V/AC
Power consumption ca. 2W

Hight	Width	Depth
200mm	120mm	60mm

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PURE AND SIMPLE

Shower control for consumption billing- or time billing with continuous debiting from the card. Areas of application: showers, washbasin, sinks.

CC-SmartCard Shower control Typ:K

Display for user notes and display for credit balance
Multilingual text output on the display
Illuminated card holder, also available for RFID key fobs
Start / stop function via optional button
Adjustable debiting amounts in 5 cent increments
Connection possibilities for water meters and flow monitors
Easily and independently adjust the prices with a configuration card
Create an individual configuration card using PC software
Hygienic rinse, rinse time and rinsing times freely adjustable
Two relays for controlling a solenoid valve and a shower room lighting
Housing suitable for wall mounting and flush mounting, waterproof according to protection class IP-66
Impact and scratch-resistant acrylic front
Optionally available in various RAL colours

CC660059 & CC660061 SmartCard

Typ K SmartCard shower control CC660059 with card holder

Typ K/SS SmartCard shower control CC660059 with card holder and Start/Stop button

Power supply 12-24V AC/DC.
Power consumption ca. 2W

Hight	Width	Depth
200mm	120mm	60mm

Barrier control for the free or chargeable entrance with different permissions.
Areas of application: Entry and exit barriers

CC-SmardCard barriers control offline

• Display for user instructions and display for the credit balance
• Multilingual text output on the display
• Individually assignable access rights for different areas
• Free or chargeable usage adjustable
• Two adjustable off times, e.g. for night and noon
• Anti-passback function for double retraction
• Two cost tariffs for different types of guests
• Check the validity period of the card
• Card blocking
• Output and withdrawal of cards (for column type TII)
• Simple and independent adjustment of prices
• with a configuration card
• Create an individual configuration card using PC software
• A relay output for controlling the barrier
• One input for enable by induction loop contact
• Aluminum stand housing in two versions, powder-coated

Installation kit for columns of other manufacturers available

Typ	Hight	Width	Depth
T I	1020mm	145mm	145mm
T II	700mm	300mm	250mm

CC660101 & CC660102 SmartCard barrier control offline

Typ T I CC660101 SmartCard barriere control offline
Typ T II CC660102 SmartCard barriere control offline with card output and withdrawl

Power supply 230V/AC or12-14V AC/DC.
Power consumption ca. 2W

Barrier control with PC connection via data cable. Areas of application:
Exit barriers with data connection (online) to the reception

CC-SmardCard barrier control online

- LEDs (red / green) and signal transmitter for status display with acoustic indication
- Individually assignable access rights for different areas
- Two adjustable off times, e.g. for night and midday rest
- Anti-passback function for double retraction
- Two cost tariffs for different types of guests
- Check the validity period of the cards
- Card blocking
- Logging of all barriers
- A relay output for controlling the barrier
- One input for enable by induction loop contact
- Data connection via two-wire bus (RS-485)
- Mounting kit for columns of other manufacturers available, protection class IP-66

Type	Hight	Width	Depth
Mounting kit	155mm	80mm	37mm
T II	1020mm	145mm	145mm

CC660067 & CC660104 SmartCard barrier control online

Mounting kit CC660067 SmartCard barrier control online
Type T I CC660104 SmartCard barrier control online (Column)

Power supply 230V/AC or 12-14V AC/DC.
Power consumption ca. 2W

Areas of application: For reading and writing of RFID transponder cards and key tags by PC

CC-SmartCard RFID Charging Point

Desk top unit with LED red / green for status display
Acoustic feedback after writing
Scratch resistant plastic surface
With USB or RS-232 connector

CC663000 & CC663002 SmartCard RFID Charging Point

SmartCard RFID charging point CC66300 with RS-232 interface

SmartCard RFID charging point CC66300 with USB interface

Power supply 5V DC via USB or mains adaptor.
Power consumption ca. 0,5W

Hight   Width   Depth
200mm 110mm 40mm

RFID Transponder Cards or Key Tags

Transponder cards in ISO7810 credit card format
Available in one or two sides or blank
Card thickness 0.8mm or 1.0mm
Key pendant with eyelet and printable surface
(Price depends on quantity and print on request)

CamperClean Windows-Software for loading credit, as well as for card management.

CamperClean PREMOS CAMP Windows Software

- Addition and withdrawal of credit balances. Determination of validity and access rights.
- Billing of credit balance and deposit deposit vouchers for bookings.
- Access rights for different guest types and premises
- Booking statistics with extensive evaluation options
- Card blocking
- Printout of daily, monthly and annual accounts
- Restricted privileges for recipe personnel
- Separate booking billing for each recipe employee
- Multi-user and user-friendly interface
- "touch screen-friendly" for terminal PC
- Drivers for established campsite management systems available
- Barrier monitoring for CC-Smart-Control cabinet control online, additionally available
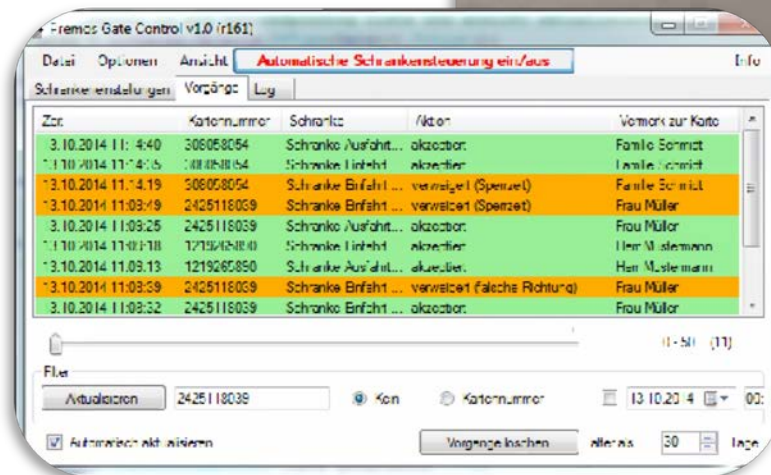
CC663011 Windows Software

CamperClean PREMOS-CAMP booking and administration software for Camp-Card System

Additional software for CamperClean PREMOS-CAMP for controlling and monitoring CC-SmartCard Online barriers.

CC-PREMOS CAMP Barrier Module online

• Overview of all barrier use

• Off times adjustable for lunch and / or night rest

• Barrieres with different permissions are possible

• Comprehensive card management to adjust permissions and Comments

• Card blocking possible

• Optional limitation of the validity period

• Anti-passback function, prevents multiple entry with one card

• Server operation is possible independent from the Workstations

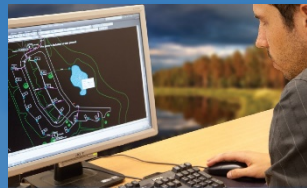• Helpful sorting and filtering function

CC663015 Barrier Module online

Additional Software for CamperClean PREMOS-CAMP

WHOLE IN ONE SOLUTION UNDER ONE ROOF

Planning ▶   We are planning according to your wishes and ensure best land utilisation.

Performance ▶   The performance will be carried out by companies which are selected with you together.

Technic ▶   Supply- and Disposal Payment systems, Barrier systems, Entrance systems and many more.

Service ▶   Maintenance even after the implementation, we are there for you

Weitere Infos unter www.camperclean.de