

# BasicCharge: EV SmartCharge

The future of EV charging **just got smarter**



**BasicCharge: EV SmartCharge has been designed to provide a Smart interactive EV charging solution for the office, factory and other semi-secure locations.**

Once installed, this Smart EV charging pedestal automatically connects to the PowerPortal cloud based back office via GPRS and begins relaying charge point information and activity back to the portal, which can then be used for reporting, analysing and preparing statistics.


## BasicCharge: EV SmartCharge

- **Standard services managed by the back office**
  - Monitors and reports back the charging start time
  - Monitors and reports back the charging end time
  - Manages and reports back the kWh consumption

## Optional Services

- **EV driver interaction by mobile phone**
  - Switch charger on via mobile phone
  - Switch charger off via mobile phone
  - Check kWh consumption via mobile phone
  - Check charging status via mobile phone
- **Connect charger to a third party management system**



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- Europe's largest range of charging points, leads and accessories
- A huge product gallery
- Company and industry news, helpful hints, advice and general information

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## SPECIFICATIONS

### Mechanical

- Built around a heavy duty, hot dipped galvanised steel chassis
- High impact resistant black Foamex outer shell (aluminium/stainless steel options)
- Pedestal height: 1000mm (plus amenity lighting lens of 130mm)
- Pre-drilled fixing and cable entry points
- IP65 Category 1 weather proof rating to BS EN 60529 Certification
- Manufactured in compliance with BS7671 Wiring Regulations
- Compliant with IET EV regulations
- Corrosion resistant / UV stabilised
- Operating temperature: - 30C to +50C

### Electrical

- 1way and 2way charging
- Available in 16amp (3.6kW) and 32amp (7.2kW) single phase, as well as 11kW/22kW three phase charging options
- High gain antenna (GPRS Option)
- Modem c/w roaming SIM card (GPRS Option)
- Ethernet converter (Wi-Fi Option)
- Each charging socket is Mode 3 IEC 61851-1 communication compliant
- Each socket comes complete with security hatchlock
- Each socket comes complete with LED status indicator
- Each socket is overload, DC sensitive and fault current protected
- Photocell controlled LED amenity lighting head
- Each pedestal comes complete with cable gland plate and 3 x 35m cable terminals as standard (other options available)
- Full internal wiring – ready to install

### Features / Options

- Available with powder coated aluminium outer shell
- Available with powder coated stainless steel outer shell
- IP65 rated 13 amp domestic socket (Mode 2 charging or maintenance)
- Corporate branding / bespoke colours
- Galvanised steel ground mounting base
- Protection barriers
- EV charge point signage
- Plug-to-plug leads
- Wi-Fi connectivity (optional)
- EV driver / mobile phone connectivity (optional)
- Power Portal back office - can be linked to a third party management system via the internet to allow a utility company (or similar) to capture all information relating to the EV charge point's activity and electricity consumption



### Product codes:

- XXXXXXXX – 1 x 16amp (3.6kW) charging socket
- XXXXXXXX – 1 x 32amp (7.2kW) charging socket
- XXXXXXXX – 2 x 16amp (3.6kW) charging sockets
- XXXXXXXX – 2 x 32amp (7.2kW) charging sockets

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