

AutoCharge: EV Wall Unit

The future of EV charging



Charging Solution: IEC 62196 (Type 2) single phase Mode 3 charging socket(s) c/w hatchlock

The AutoCharge: EV Wall Unit range is a robust, heavy duty, hard wearing, EV charging unit specifically designed and manufactured for both commercial and public facing environments.

This versatile future-proof wall unit is available in free-to-charge format and upgradable to accommodate a number of pay-to-charge (PAYG) systems in the future. It is wall mountable and includes IEC 62196 Type 2, Mode 3 charging socket(s), c/w hatchlock facility, built-in overload & fault current protection.

The AutoCharge: EV wall unit is available either as a 1way or 2way charging version in FastCharge format. Each unit features built-in LED status indicators and is manufactured to fully comply with IEC 61581-1 specifications.



AutoCharge: EV Wall Unit Features

- Available in 1way and 2way 16amp (3.6kW) and 32amp (7.2kW) single phase charging options
- **Future-proofed** – can initially be installed as a free-to-charge wall unit and upgraded at a later date, if required, to accommodate a variety of pay-to-charge (PAYG) solutions including coin/token/RFID/bank/Virtual Pay
- Compliant with all EVs and PHEVs
- Back Office/OCPP capability
- Can be customised to suit corporate branding
- IP54 British Standard Institute (BSI) certificated
- Easy to install and maintain
- CE certified



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Charging Solution: IEC 62196 (Type 2) single phase Mode 3 charging socket(s) c/w hatchlock

SPECIFICATIONS

Mechanical

- Manufactured in heavy duty, vandal resistant steel and powder coated black as standard (other colours available upon request)
- Lockable component switchgear and termination access door
- Pre-drilled fixing and cable entry points
- IP54 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
- Dimensions H 900mm x D 250mm x W 330mm

Electrical

- 1way and 2way charging
- Available in 16amp (3.6kW) and 32amp (7.2kW) single phase charging options
- 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
- Each unit comes complete with cable gland plate and 3 x 35mm cable terminals as standard (other options available)
- Full internal wiring – ready to install

Options

- Built-in class 1 MID approved kWh meter(s)
- Charging socket lockaway facility(s)
- Corporate branding / bespoke colours
- Built-in time clock(s)
- Upgrade wall unit shell to Cromweld
- Amp-Selector Keyswitch (16amp Max or 32amp Max charging options)
- Amp-Selector Rotary Switch (6amp solar/13amp domestic/16amp or 32amp FastCharge options)

Payment & Access Options

- Electrical key switch control
- Coin/token pay-to-charge
- GroupManager RFID system (card / fob)
- Banking and Virtual Payment compatible
- Back Office / OCPP

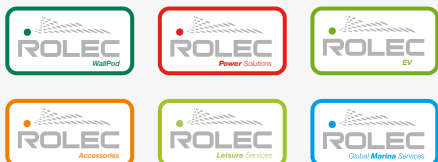


Product codes:

EVPG0030 – 1 x 16amp (3.6kW) charging socket
EVPG0031 – 1 x 32amp (7.2kW) charging socket
EVPG0040 – 2 x 16amp (3.6kW) charging sockets
EVPG0041 – 2 x 32amp (7.2kW) charging sockets

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