

CP01

The CP01 is

Although originally designed for lampposts, the CP01 can be installed anywhere.

datasheet The CP01 adheres to current standard BS EN 61851-1 for electric vehicle charging points.

The char.gy CP01 is an electric vehicle charging point which is suitable for installation on street lampposts or to be wall mounted.

The CP01 allows for mode 3 charging via a type 2 connector compatible with all electric vehicles. Charging at 7.36kWh or 32A which charges your car on average 30 miles per every hour on charge.

You will be able to connect to your charge point via our app or website, or an approved OCPP compliant backend system. They are configured and managed remotely so can be set to appear on either our public map or a private network.



Key

Features

Designed to be mounted on a lamppost or wall

Compact - 383mm x 197mm x 199mm

Up to 7.36kWh or 32A charging

Standard Type 2 socket

Plug is locked in socket while in use

Complemented by the Char.gy app or website, or an OCPP backend

Remote management and configuration Market leading warranty of 5 years

perfect for discrete on-street infrastructure or for private car parks at residential developments or workplaces.



CP01



Specification

Dimensions 383mm x 197mm x 199mm

Shipping weight 5kg

Standard colour Black - other RAL K7 colours are available **Outlet socket** 1x

Type 2 EV socket (BS EN 61851-1)

Input voltage 230v

Input current 32A 50Hz

AC charging output 7.36kWh

Standby power consumption 4Wh

Over current and safety protection 1x 32A 30mA type B RCBO

Environmental protection IP55

Control 'Mode 3' SELV DC & PWM control signalling, Conforming to ISO/ IEC 61851-1 Annex B,
validated by Nissan, Renault, Ford, BMW,
PSA and Mitsubishi

Wireless communications GPRS Cellular Data Network Radio Equipment Directive **Network
communications protocol** TCP/IP 2 way communication on with secure central server, Full
'handshake' between charging post and server.

Network security HTTPS, 128 bit encryption

Operating temperature -30°C to +50°C

Operating humidity 5% to 95%

EMC compliance BS EN 61000-6-1 and BS EN 61000-6-3
(Electromagnetic Compatibility Regulations 2006)

Safety compliance Electrical Equipment Safety Regulations 1994 **CE marking** In
accordance with EC Directive 768/2008/EC **OCP** version 1.6 compliant

Pay as you go service Yes

Warranty 5 Years Minimum

Limitation of Liability

In no event will we accept any liability for any loss, costs or damage consequential on the use and/or misuse of our hardware products, vandalism, accidental or intentional damage, except and only to the extent that this is caused by our negligence.

Warranty

All char.gy hardware is covered by our 5 Year Warranty when installed correctly in line with the char.gy installation guide.

Any hardware failure should be promptly reported to us via e-mail to hello@char.gy quoting the serial number, location of the product, and giving a brief description of the failure.

Our support team will investigate and attempt to remotely resolve the issue. If the issue cannot be resolved remotely, and the product is in warranty, we will make arrangements for one of our team to visit the location and, if the issue is a result of any shortcoming in design or manufacture it will be made good free of charge or, at our option, exchanged for a replacement product.

If we attend site, and the fault is not a result of a shortcoming in design or manufacture of our product, we will make reasonable attempts to suggest what the issue is, and propose a resolution which may have a fee associated with it. A call out fee will be applicable where our product is not at fault.



CONTACT US

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