

# CP02

The char.gy CP02 is an electric vehicle charging point suitable for installation on residential streets and parking lots.

The CP02 allows for mode 3 charging via a type 2 connector compatible with all electric vehicles. Charging at **7.36kWh or 32A single phase** which charges your car on average 30 miles per every hour on charge.

The char.gy app or website, or an OCPP compliant backend, is required to use these units. They are configured and managed remotely and can be set to appear on either our public map or a private network.

The CP02 adheres to current standard BS EN 61851-1 for electric vehicle charging points.

## Key Features

- ✓ **Designed to be mounted on in a NAL 115 Retention Socket**
- ✓ **Compact - 1298mm x 186mm**
- ✓ **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**
- ✓ **5 Year market leading warranty**

**ROBUST DESIGN!**

*With its robust design, the CP02 is perfect for car parks which require a free-standing solution or for developments which a high volume of usage.*





## Specification

<b>Dimensions</b>	1467mm x 168.3mm x 186mm (including root mount)
<b>Shipping weight</b>	22.5kg
<b>Standard colour</b>	Black - other RAL K7 colours are available
<b>Outlet socket</b>	1x Type 2 EV socket (BS EN 61851-1)
<b>Input voltage</b>	230v single phase
<b>Input current</b>	32A 50Hz
<b>AC charging output</b>	7.36kWh
<b>Standby power consumption</b>	4Wh
<b>Over current and safety protection</b>	1x 32A 30mA type B RCBO
<b>Environmental protection</b>	IP55
<b>Control</b>	'Mode 3' SELV DC & PWM control signalling, Conforming to ISO/IEC 61851-1 Annex B, validated by Nissan, Renault, Ford, BMW, PSA and Mitsubishi
<b>Wireless communications</b>	GPRS Cellular Data Network Radio Equipment Directive
<b>Network communications protocol</b>	TCP/IP 2 way communication on with secure central server, Full 'handshake' between charging post and server.
<b>Network security</b>	HTTPS, 128 bit encryption
<b>Operating temperature</b>	-20°C to +40°C
<b>Operating humidity</b>	5% to 95%
<b>EMC compliance</b>	BS EN 61000-6-1 and BS EN 61000-6-3 (Electromagnetic Compatibility Regulations 2006)
<b>Safety compliance</b>	Electrical Equipment Safety Regulations 1994
<b>CE marking</b>	In accordance with EC Directive 768/2008/EC
<b>OCCP</b>	version 1.6 compliant
<b>Pay as you go service</b>	Yes
<b>Warranty</b>	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](mailto: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.



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