



The Seven.

SMART 7KW
CHARGER





OUR FOREST



7 TREES

75

Tonnes of Direct
CO2 Reduction

6595

Trees Planted
To Date

81M

EV Miles Offset
Over Lifetime

7 Trees Planted for Every Charger. That's made, not sold.

Ecologi
climate
positive
workforce

The Seven.


3

YEAR WARRANTY
Offering full cover and support service.

2

CHARGER OPTIONS
Tethered with 5m cable or universal socket.

1

FREE TO USE APP
Charge scheduling, history, authentication and more...

Simply Smart.

A smart 7kW EV charger built with high reliability and low cost in mind. A smart 7kW charger with a variable output from 6 to 32A. With built in load management, PEN fault & RCD protection and simplified installation with no need for the front case to be removed. Its sleek matte black finish is complimented by an impressive feature set and smart tariff integrations, to ensure you're fully in charge at all times.



Charge Session History



Smart Scheduling Integration



Dynamic Load Control



Solar Integration



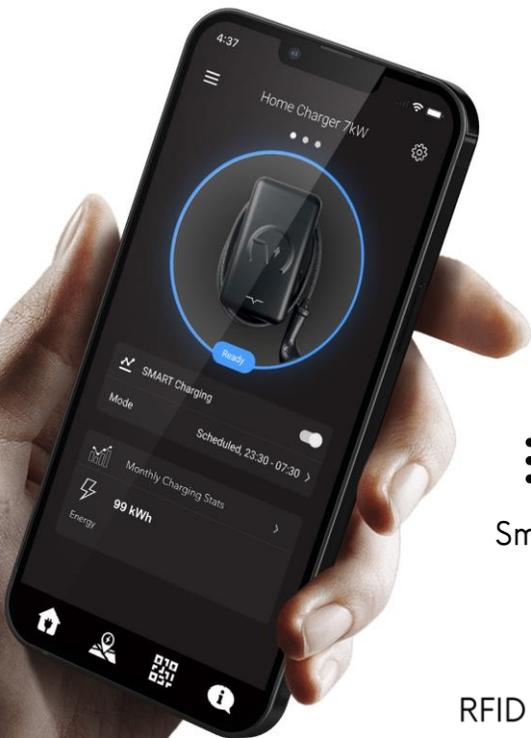
OTA Updates



Tap & Charge

VCHRGD Home.

At VCHRGD we think EV charging should be easy, and the VCHRGD Home App is designed to give you complete control over your charging, at home or on the go. The VCHRGD Home app is free to download and free to use. Complete with a comprehensive set of features allowing you to: schedule, authorise, monitor and track your charge sessions over time.



Smart Tariffs



OTA Updates



Charge History



RFID Registration



Free To Use

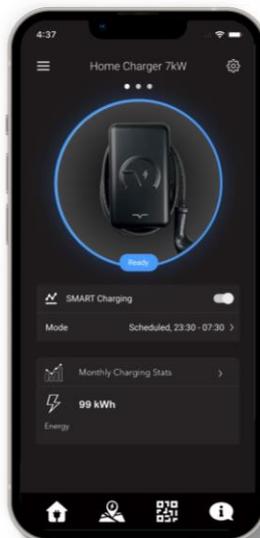


Push Notifications



Smart charging as standard.

DOWNLOAD USER GUIDE



Specifications.

Available in tethered complete with a 5m length cable and European Standard Type-2 connector, or untethered with a universal Type-2 Socket, it's an ideal choice for domestic charging. Integral O-PEN protection, means that no additional earth rod is required, and simple connections make the installation process fast and efficient. WiFi & Bluetooth Connectivity allow for remote authorisation, charge scheduling and diagnostics via mobile app and online portal.

Features.

- Single Phase, 32A 7kW Charger
- 5m Cable with Type 2 Connector
- App Controlled Access & Scheduling
- Wall or Stand Mounted
- Compact Design - 340 x 200 x 130mm
- OCPP 1.6 JSON

Protection.

- Integral Welding Detection
- Integral PEN Protection
- Robust Weatherproof Casing IP55/IK10

Connectivity.

- WiFi (IEEE 802.11bgn)@2.4 Ghz
- Bluetooth 4.2

Tethered.



Untethered.



Electrical Characteristics

Charger Type	Mode 3 (IEC61851-1)
Nominal Supply	Single phase 230V, 50/60Hz
Charging Power	Up to 32A (7kW)
Over Current Protection	40A
Current rating	5 Steps Adjustable (6A to 32A)
Standby Power Consumption	<2.5W
Earth Leakage Protection	AC 30mA + DC 6mA
PEN Protection	PE Current >100mA
Supply Connection	L, N + PE

Connectivity Specifications

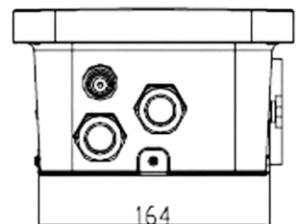
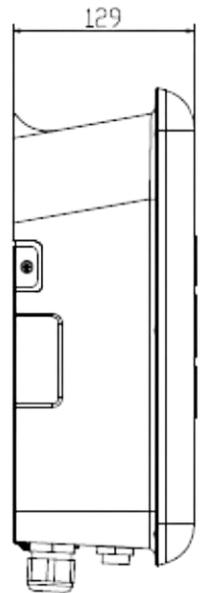
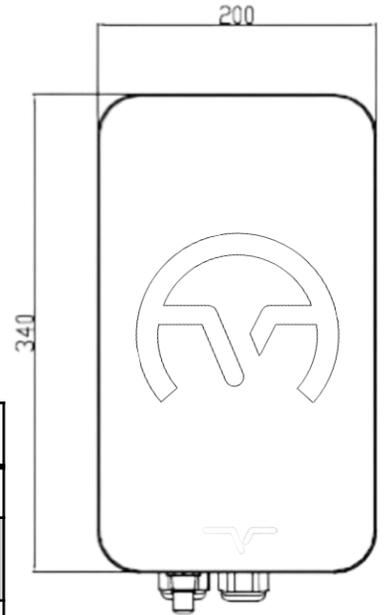
WiFi	(IEEE 802.11bgn) @2.4Ghz
	WPA-2
Connection security	Transport Layer Secure Encryption HTTPS

Specifications.

Mechanical Features	
Connector	Type 2 IEC62196
Mounting	Wall or Pedestal
Dimension (mm)	200(L) 340(H) 136(D)
Weight	4kg approx. (excl. charging cable) 5kg w/ cable
IP Class/IK Class	IP55

Safety & Operational Ratings	
Status	LED Indication
Operating Ambient Temperature	-25°C to 50°C
Relative Humidity	5% - 90%
Atmospheric Pressure	80kPA - 110kPA
EMC Compliance	EN55011 Class B
Integral Protection	Under & Over Voltage & Current
	6mA DC Leakage Detection
	O-PEN
	Undergrounded
Current Measurement Accuracy	≥2% Accuracy

Compliance & Certification	
Certification	IEC61851-1:2017
	IEC61851-22-2:2018
	LVD 2014/35/EU
	BS7671: 2018
	EN61000-3-11
	EN61000-2-2
	EMCD 2014/30/EU
Protocol	OCP 1.6
CE Certified	YES



EMAIL

PHONE



Our trusted network of approved installers offer UK wide coverage.



Sign Up



The logo for VCHRGD is displayed in white on a dark blue background. The 'V' is a stylized, circular emblem. The word 'chrgd' is in a lowercase, rounded, sans-serif font. The entire logo is enclosed in a white rectangular border. In the background, there are faint, glowing yellow lightning bolts.

Vchrgd

www.VCHRGD.com

Putting you in chrg.