SITE survey. APP

SITE SURVEY REPORT

EV Charger Installation Record

Prepared for	J. Patel
Date	9 Oct 2026
Site	14 Orchard Close
Prepared by	D. Moore

FORM

EV Charger Installation Record

1. Charger

Project	14 Orchard Close: home EV charger installation (completed example)
Client	J. Patel
Site	14 Orchard Close
Site address	14 Orchard Close, Harrogate
Date commissioned	9 Oct 2026
Time commissioned	14:30
Installer, and OZEV authorisation if a grant is claimed	Brightline Electrical, OZEV authorised 21877
Charger make and model	Voltara Home 7 kW smart charger
Serial number	VH7-2210-4471
Power	7 kW
Cable	Tethered
Where it is mounted	Front wall beside the front door, above the drive
Mark where the charger is	Front wall by the drive · 53.996221, -1.530418 (SE 30882 55677, ±4 m)
Height of the socket or cable holster above the ground (m)	1.19

Height of the socket or cable holster above the ground (m): measuring photo



Lowest height in the manufacturer's instructions (m)	0.75
Highest height in the manufacturer's instructions (m)	1.50
Height against the instructions	Within the range

This is the installer's site record of the installation and tests. The formal electrical installation certificate is issued separately, from the installer's registration scheme or certification software.

2. Circuit and protection

Consumer unit and circuit	Main consumer unit, new way 9
Protective device	RCBO type B
Rating (A)	32
Cable size (mm²)	6
Cable length (m)	14
RCD and DC fault protection	Type A or Type F RCD, with DC fault detection (RDC-DD) in the charger

BS 7671 regulation 722.531.3.101, as the IET explains it: each charging point needs its own RCD of Type A, F or B, rated at no more than 30 mA. A charger can produce DC fault current, so where it has no DC fault protection of its own a Type B RCD is needed. Where it has DC detection (an RDC-DD), a Type A or Type F RCD can be used.

Earthing arrangement	TN-C-S (PME)
How the outdoor PME restriction is met	Charger has built-in open-PEN detection

BS 7671 regulation 722.411.4.1, as the IET explains it: a PME earthing facility must not be used for charging outdoors unless one of the methods the regulation lists is used, such as an earth electrode or a device that disconnects the supply on an open-PEN fault.

3. Tests

Continuity R1 + R2 (Ω)	0.31
Insulation resistance test voltage	500 V
Insulation resistance, live to live (MΩ)	200
Insulation resistance, live to earth (MΩ)	200
Polarity	Correct
Earth fault loop impedance Zs, measured (Ω)	0.52
Maximum permitted Zs for this device (Ω)	1.37

Measured Zs as a share of the maximum (%)	38
RCD operating time at rated residual current (ms)	21
Test results needing attention	0
Is load management fitted and set to the main fuse?	Yes
Has a test charge been completed with the customer's car or a test unit?	Yes

4. Smart set-up and DNO

Is the charger online, with the app set up for the customer?	Yes
Has the customer been shown the default off-peak charging hours, to accept or change?	Yes
Maximum demand of the property after installation (A)	52
Network operator (DNO) route	Connect and notify after installation

> MCS points to one ENA process and form for EV chargers and heat pumps. Where the property's new maximum demand is 60 A or less, the equipment can be connected and the DNO notified within 28 days. Between 60 A and 100 A, apply to the DNO before installing.

Date the DNO was notified or approved	12 Oct 2026
Days from commissioning to notification	3
DNO reference	EV-889102

5. Handover

Photos of the installed charger, labels and consumer unit





Handed over	Electrical installation certificate, Charger manual and warranty, App login, How to use and lock the charger
Customer name	J. Patel
Customer signature	J. Patel
Installer name	Brightline Electrical, OZEV authorised 21877
Installer signature	D. Moore