



Technical Submittal

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Project Name:	Caversham Care Home	Project No.	E02304
Date:	16.11.2021	Rev	A

	<u>Technical Submittal Number: NBS/TSE007</u>
1.0	General Description: Electric Vehicle Charge Pont
2.0	Location: External
3.0	Manufacturer: Project EV
4.0	Drawing ref: NBS-E02304
5.0	Spec ref: As Spec
6.0	Documents issued: Attached specifications and illustrations.
	Client response: Approved: Rejected:

Signed

Date 16.11.21

Richard Hayward
(On behalf of Neptune Building Services Ltd)

R.E. Va

Signed

Date

(On behalf of _____)

EVA-07D-S RFID

EV AC Charging Station (Single Phase)



FULL PROTECTION

Complex electrical protection, over/under temperature protection, residual current protection, etc



STABLE

IP65 protection grade, capable for harsh environmental conditions

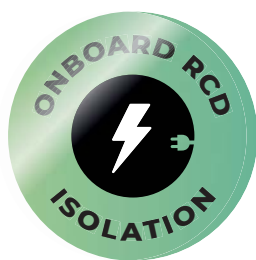


OCPP SUPPORTED

OCPP v1.6 open charge point protocol. IEC 62196 type II connector

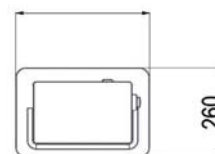
Input & Output

Input voltage	230VAC
Input frequency	50Hz
Output voltage	230V AC
Max. output power	7.3KW (per socket)
Max. output current	32A (per socket)
Charging interface type	IEC 62196-2, Type II
Connector	Socket
Number of connection	2



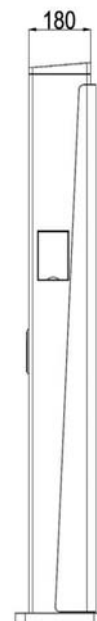
Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Short circuit protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Lightning protection	Yes



Function and Accessory

Ethernet/WIFI/4G	Yes/Yes/Opt
Payment support	RFID/QR(standard)
LCD	Yes
RCD	Type A + 6mA DC fault current protection (Equivalent to Type B)
LED indicator	Yes
Integrated smart meter	Opt
Emergency stop button	Yes
RFID	Yes
Ground mounting plate (EB-FLRSTAND40)	Opt.



Working environment

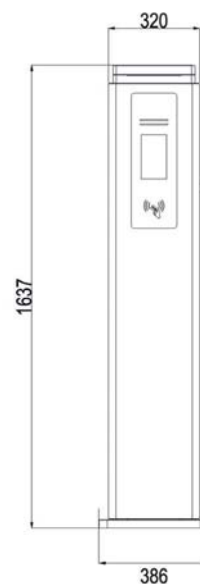
Protection degree	IP65
Environment temperature	-20°C ~ +65°C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

Mechanical

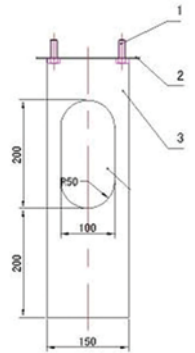
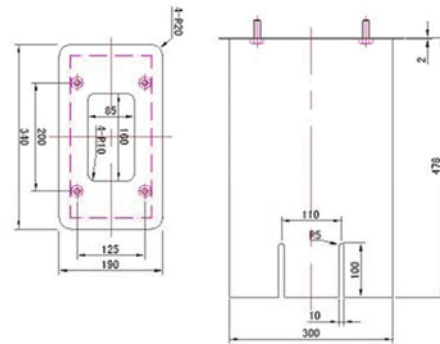
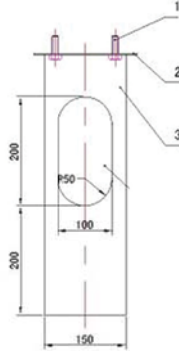
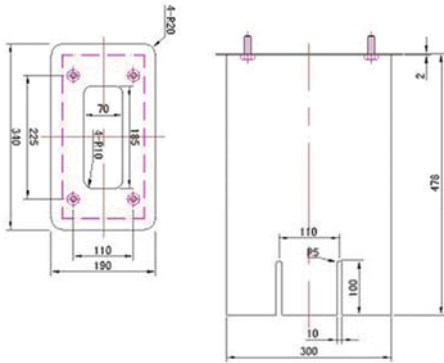
Dimension (W/H/D)	320/1635/175mm
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Certification

Certificate	CE
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Ground Mounts



Ground Mount V1 - EVA-S

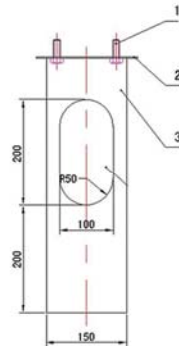
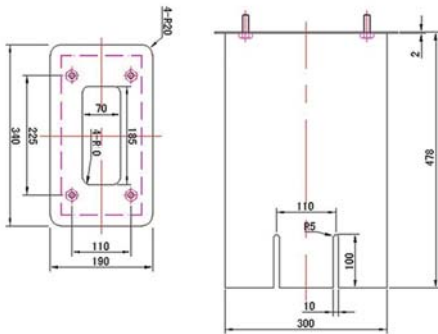
EV-GMEVA-S

Post Mount
For use only with EV-FLRSTAND

Ground Mount V2 - EVA-D

EV-GMEVA-D

Floor Stand Units
For use only with EVA07/22D Chargers



Ground Mount V3 - 40kW

EV-GM40KW

40kW
For use only with EV-FLRSTAND40





Project EV App



Project EV PRO App

Plug & Charge	✓		✓
RFID control (only with RFID chargers)	✓		✓
App control	✓		✓
Dynamic Load Balancing	✓		
Static Load Balancing for multiple chargers			✓
Solar charging modes	✓		
Track your charging costs	✓		✓
Records of your charging	✓		✓
Schedule charging	✓		
Lock your charging lead	✓		
Public charging Pay-At-Charger			✓
Customisable tariffs			✓
Private & fleet management			✓
Use your company RFID card to control chargers			✓
Live-View Back Office dashboard			✓
Historical & analytical reports			✓
Visibility of your charge points in all locations			✓
Track users			✓
Instant notification when offline			✓

FREE

£135
for 3 years*



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@projectev

Monthly equivalent: £3.46

Admin fee of 10%
(for payments made
on the platform)

Set-up Cost

0-5 Charge Points = Free
6-24 Charge Points = £95
25-49 Charge Points = £245
50+ Charge Points = £495



Project EV Free App

The FREE Project EV App allows you to choose and customise charging rates, prioritise off-peak charging to maximise savings (including via a solar charging mode) and create charging records; so you can see and control all your data.

The app allows full remote control of your charging unit, our gun-lock feature allows you to safely secure your charging cable to your car. Meaning wherever you are, you will always be in control of a safe and secure charge.

You can create custom charging times to suit your schedule, allowing you to take advantage of off-peak charging tariffs and save money.



Charging inventory list for one or multiple chargers registered



Load balancing feature



Securely authorise another person to use



State of charge



Manage and add multiple charge points to one master account



Power flow management



Multiple mode control
(via app, plug and go, RFID swipe card)



Solar charging option



Off-peak timed charging



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