

From: Pod Point Scheduling <scheduling@pod-point.com>

Sent: 25 July 2023 10:44

To: Freddy Colquhoun <[REDACTED]>

Subject: Action required - Additional works

Hi Freddy,

Thanks for allowing our installer to attend to complete a pre-installation survey.

Additional Works

We've assessed your survey and unfortunately, your installation falls outside the scope of our [standard installation package](#) and will require additional work.

The good news is that we've determined a plan of your installation - inclusive of the additional work.

We'll need to use total of 27m of cable from the meter to the desired location of the charger. We will look to drill directly out of the side of the property to the left hand external wall. Our installer will then look to run the cable down the side wall to reach low level and run the cable along the front external wall under the doors to the side location of the property, where we can locate the charger.

This will take our installer approximately 4 hours to complete.

As the cable run along the front of the property is within a close proximity of the road, this will require two engineers in attendance to complete the installation for health and safety purposes along with additional safety equipment.

If you'd like to continue with your Solo Smart Charger installation including the above additional work, please see below our quotation.

Additional labour: [REDACTED] (Additional 1 hour of labour for 1st installer, additional 4 hours of labour for additional installer)

Additional Cable: [REDACTED] (Additional 12m of cable)

Additional Safety Equipment: [REDACTED]

Total Additional works cost: £ [REDACTED]

Planning Permissions

Please see attached related documents to assist with the planning permission.

Charger Specification include measurements

Image outlining the proposed cable run along the front of the property.

Fixings that will be used:

Cable Clips (for completion of cable run)

Screw Fixings (for fixings of charger)

Cable Specification:

6mm 3-Core Hi-Tuff Cable (Black)

2 Core Screened Data Cable (Black)

Proposed installation location of the charging point



Proposed cable route to the charging point



Fast Charging Solo 3 - Home

Datasheet

Once planning permission for the installation has been obtained, please forward this over for review. We can then send over a payment link for the additional works.

If you require any additional information, please do not hesitate to contact us.

Kind Regards,
Aemillia Nicholson
Domestic Junior Project Manager
Pod Point Ltd.

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Coronavirus Update

Due to the ongoing coronavirus (COVID-19) outbreak, all installations are subject to remote risk assessments. You can still order from us, but to protect our team and customers, we'll only proceed with installs that are classified as Lower Risk. Our field team are also observing enhanced hygiene and social distancing measures. [Learn More](#)

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This datasheet details the technical specifications for the Solo 3 (Home) a variant of the Solo product family. If you're unsure which model you have, please contact Pod Point directly.

The Solo 3 includes and exceeds all required and "optional" safety features noted in the BS EN 61851-1 standard for electric vehicle charging. The Solo 3 is available in universal socketed or tethered models with either Type 1 or 2 cables. The Solo 3 is available with models offering charging rates of either 3.6kW, 7kW and 22kW - with the 22kW not compatible with Auto Power Balancing feature as standard.

Speed category	Fast charging
Charging rate	3.6, 7 or 22kW
Product family	Solo



Universal Socket



Tethered

Type 1 - 4.8m cable or
Type 2 - 7.5m cable



Single vehicle charging



Wi-Fi enabled



3 Year warranty



Smart Reporting & Pod Point Network enabled

Power and Environmental

Power rating	2.5-22kW - AC
Input voltage range	240-400 VAC (50Hz)
Output current	0-30A - AC RMS
IP rating	IP54 enclosure (IP44/54 for plugs and socket)
Operating temperature	-25°C to 50°C
Standby consumption	<2.5W
Materials	Polycarbonate
Protections	6mA DC Leakage, Over current, PME and failed earth protection.

Physical properties

Height	330mm
Width	290mm
Depth	112 (167mm Socketed)
Weight	Socket - 3.5kg Tethered - 6kg
Charging connectors	1 Type 1 (SAE J1772) 2 Type 2 (IEC 62196-2)
Colour	Black/ Grey

Connectivity & Communication

Connectivity	IEEE 802.11bgn Wi-Fi
Feature updates	Yes - Via Wi-Fi
Software updates	Yes - Via Wi-Fi

Socket

Socket type	Mennekes Type 2 (IEC 62196-2) socket with statutory locking mechanism.
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Standards & Compliance

Standards compliance	LVD 2014/35/EU EMCD 2014/30/EU BS EN 61851-1:2019 EN61000-3 and -2 CE Certified BS7671: 2018
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Security

Wi-Fi	WEP, WPA, WPA2 or Open Wi-Fi
Connection security	Secure data encryption HTTPS with SHA-256 hash algorithm

Solo 3 Home - Model Matrix

Model	S7-1C-03 (single-phase)	S7-2C-03 (single-phase)	S7-UC-03 (single-phase)	S7-UCB-03 (single-phase)	S22-2C-03 (three-phase)	S22-UC-03 (three-phase)
Connection type	Tethered	Tethered	Universal Socket	Universal Socket	Tethered	Universal Socket
Vehicle connector	SAE J1772 (Type 1)	IEC62196-2 (Type 2)	Any ⁽¹⁾	Any ⁽¹⁾	IEC62196-2 (Type 2)	Any ⁽¹⁾
Cable length	4.8 m	7.5 m	NA ⁽¹⁾	NA ⁽¹⁾	7.5 m	NA ⁽¹⁾
Cable holster supplied	Yes	Yes	No	No	Yes	No
Maximum power rating	30A (~7kW) ⁽²⁾	30A (~7kW) ⁽²⁾	30A (~7kW) ⁽²⁾	30A (~7kW) ⁽²⁾	30A x 3 (~22kW) ⁽²⁾	30A x 3 (~22kW) ⁽²⁾
Auto Power Balancing (Load management)	Yes	Yes	Yes	Yes	No	No
Variant	ABG ⁽³⁾	ABG ⁽³⁾	ABG ⁽³⁾	ABG ⁽³⁾	AAA ⁽⁴⁾	AAA ⁽⁴⁾

⁽¹⁾ User provides the suitable charging cable, supplied with the vehicle or purchased separately.

⁽²⁾ Power rating will vary due to vehicles maximum rate of charge and local supply voltage.

⁽³⁾ All the ABX variants

⁽⁴⁾ All the AAX variants

Pod Point's hardware and software are engineered in house to meet the requirements of BS EN 61851-1 edition 3 and are tested using accredited independent test facilities. BS EN61851-1 includes various mandatory test standards that must also be adhered to.

UK and European based manufacturing facilities are used for production, In house customer support teams are locally based providing best in class support.

Universal socket models include a locking mechanism as standard (BS7671:2018 regulation 722.55.101.4)

Installation & Safety

- For full installation details, please see our Solo 3 Home - Install guide [here](#)
- To start training to become a Pod Point Domestic Certified Installer please visit our website [here](#) for more information.
- Our on-board 6mA DC Leakage protection is fully compliant with BS 7671:2018 - regulation 722.531.2.101. This can be used safely in conjunction with a Type A RCD/RCBO, instead of requiring a more costly Type B RCD.
- Certified Pod Point installations include double or four pole RCD protection (Regulation 722.531.2.1.1) fitted at source providing protection for the entire installation, This RCD/RCBO may also fulfill requirements of regulation 722.537
- An Energy Clamp (single-phase only) that protects your home's main fuse from over currents that may result from the additional supply load when charging an EV.
- All Pod Point charging units include the Pod Point PEN Isolation system, which provides complete earthing protection without the need of additional earth rod installation. This is in compliance with BS7671:2018 regulation 722.411.4.1 (v)
- Standard installation costs include the supply cable (up to 15 metres), a mini consumer unit with RCBO, domestic load sensor cable and general sundries (cable cleats, screws etc..)

After sales service

- We will not undertake any repairs for any out-of-warranty failures without first receiving acceptance of our quotation for related costs. Refer to the Solo 3 installation guide for further details of supply requirements. Our Solo provided with a 3 year product warranty as standard, the terms of which can be found [here](#).

Smart Charging

- Charging may be interrupted or rate-limited for brief periods to facilitate grid management in periods of peak local, regional or national demand. If utilised, Pod Point will manage these limits to mitigate any significant effect on vehicle charging times overall.

Limitations of use

- Pod Point do not authorise the use of charging cable adaptors and "smart" cables due to their impact on safety.*
- Pod Point equipment must only be used with European certified vehicles and cables, (damaged or non approved cables should not be used with any EVSE or vehicles).

** BS EN 61851-1 forbids the use of in cable adaptors, extensions leads and cables that change the operational state of the EVSE (smart cables).*

Warranty and support

To maintain our 3 year limited warranty, The installation shall be in accordance with Pod Point's guidance, comply with relevant legislation and be installed by a certified electrician.

Any hardware failure should be promptly reported to us [here](#). You must quote the serial number and location with a brief description of the failure.

Our support team will then investigate and attempt to remotely resolve the issue. They may ask you to provide additional information to assist in this.

If the issue cannot be resolved remotely, and the product is within warranty, we will arrange for one of our team to visit. 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 design or manufacture issue of our product, we will make reasonable attempts to diagnose the issue and propose a resolution which may have an associated fee. A call out fee will be applicable where our product is not at fault.

Limitation of liability

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

