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Fast Charging

Solo Charger - Commercial

S3 | S7 | S22 Datasheet

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The Solo Charger- Commercial is a single vehicle charger designed for commercial purposes only. The Solo Charger is available in a universal socketed model only. The Solo is available in a variety of charging rates, a 22kW charging rate will require the premises to have a 3 phase electrical supply.

Speed category	Fast Charging
Charging rates (s)	3.6, 7, 22kW
Product family	Solo

Single vehicle charging

Wi-Fi enabled

3 Year warranty

Smart Reporting & Pod Point Network enabled

Socketed Solo

Solo Charger - Commercial - Model Numbers		
S3 - 3.6kW Speed (Single Phase)	**S7 - 7kW Speed (Single Phase)**	**S22 - 22kW Rate (3 Phase)**
3.6 units available by de-rating our 7kW models -	S7-UP-2	S22-UP-2
	S7-UP-2-3G (EOL) 3G connectivity	S22-UP-2-3G (EOL) 3G connectivity
	S7-UP-2-RO Router	S22-UP-2-RO Router
	S7-UP-6mA-2	S22-UP-6mA-2
	S7-UP-6mA-2-RO Router	S22-UP-6mA-2-RO Router

EOL - End of line

Software Compatibility

Pod Point App	Pair via Wi-Fi

Software updates	Via Wi-Fi
Feature updates	Via Wi-Fi

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Physical Properties

Diameter	360mm	
Depth	150mm	
Shipping Height	170mm	
Width	400mm	
Depth	400mm	
Shipping Weight S3/S7	3.5Kg*	
S22	4.5Kg*	

Operating temperature	-30°C to +50°C
Operating humidity	95%
Standard colours	Black Grey
Finish	Anti-graffiti

*Approximate

Socket

Socket type	Type 2 IEC62196-2 socket with locking mechanism
Enclosure rating	IP54

Power

Charge protocol	Mode 3
Rated frequency	50Hz
Over-current protection	Internal (dynamic)
Standby power consumption	<2.5 Watts

Model specific detail	S3, S7 Models Single Phase	S22 Models 3 Phase
Rate voltage	230V AC phase+N	400V AC 3 phase+N
Rated output current	1 x 32A	3 x 32A
Rated output	1 x 3.6kW 1 x 7kW*	1 x 22kW*

Standards & Compliance

Socket compliance	Type 2: IEC62196-2:2016 (with lock & lock status)
Standards compliance	LVD 2014/35/EU EMCD 2014/30/EU EN61851-1 and -22 EN61000-3 and -2 CE Certified BS7671: 2018

Connectivity

Wi-Fi	(IEEE 802.11bgn) @2.4 Ghz
	SHA-256 hash algorithm implemented: WEP, WPA, WPA2 or Open Wi-Fi
Connection security	Secure data encryption HTTPS

TCP	Port 443
Channel Mask	1 to 13
Scan RSSI Threshold	-95dB
Station addressing scheme	Dynamic

Solo Charger - Commercial

Installation & Safety

- For full installation details, please see our Pod Point Install Guide for the Solo Charger - Commercial

- Pod Point can provide a full turn-key service for the installation and commissioning of the charge point, the Solo is designed for internal or external fitment.

- Our on-board 6mA DC Leakage protection is fully compliant with BS 7671:2018. This can be used safely in conjunction with a double or four pole Type A RCD, instead of requiring a more costly Type B RCD.

- Certified Pod Point installations include a Type A RCD and Energy Clamp (single phase only) fitted at source, providing full guaranteed protection on the entire installation. The Energy Clamp also provides our 'Fuse Saver' feature which protects your home's main fuse from over current events.

- 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 (iii)

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 Charger - Commercial installation guide for further details of supply requirements.

Charging

- Our hardware is designed to operate in coordination with grid demands, in periods of peak local, regional or national demand, charging may be interrupted or rate-limited for brief periods to facilitate grid management.

- Where data services have been purchased from Pod Point, Pod Point will manage these limits and mitigate any significant effect on vehicle charging overall

Warranty and support

- To maintain our thirty-six-month limited warranty, installation shall be in accordance with Pod Point's guidance and all relevant legislation and installed by a certified electrician.

- Any hardware failure should be promptly reported to us, ideally by email to **support@pod-point.com** or by calling our support team on **0207 247 4114.** You must quote the serial number and location of the product 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 a fee associated with it. 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.

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📞 Call us for support on **020 7247 4114**

✉️ Email us at **support@pod-point.com**

🐦 Tweet us at **@Pod_Point**

📍 Website **pod-point.com**

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