

Fast Charging

Solo Charger - Commercial

S3 | S7 | S22 Datasheet

Solo Charger - Commercial







The Pod Point Solo Charger- Commercial is a single vehicle charging 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 |



Socketed Solo

-  Single vehicle charging
-  Wi-Fi enabled
-  3 Year warranty
-  Smart Reporting & Pod Point Network enabled

| Solo Charger - Commercial - Model Numbers | | |
|---|-------------------------------------|--------------------------------------|
| S3 - 3.6kW Rate (Single Phase) | S7 - 7kW Rate (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 |

Solo Charger - Commercial

Physical Properties

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

*Approximate

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

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 -2 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 |

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 Twin 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.



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



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



Tweet us at **@Pod_Point**



Website **pod-point.com**

pod POINT