

Pod Point Twin Datasheet

Physical Properties

Height	1330mm
Socket Height	1000mm
Width	241mm
Depth	295mm
Standard colour	RAL9005 (Black)
Paint finish	Anti Graffiti
Shipping weight	24kg
Operating temp	-25°C to +50°C
Operating humidity	95% Non Cond
Enclosure rating	Mennekes socket: IP44 Post: IP54



Introduction

The Pod Point Twin product is designed for locations where a publicly accessible charge point with multi- user capability is required.

Twin sockets

Each post can charge two vehicles simultaneously. We can supply either a Twin 3.7kW or 7kW single phase Pod Point, or a Twin 22kW three phase Pod Point.

Access

Each charging socket is protected by a hinged flap. Users begin charging by plugging in and using a mobile phone with our Pay-As-You-Go feature to authenticate the charge. For safety, power is only supplied to compatible connectors.

Pay As You Go Compatible

Twin units are compatible with our Pay-As-You-Go system, generating revenue to the host.

Status

The status of each charging socket is shown by lights (visible from the road).

User instructions

The Pod Point is designed to be intuitive. For extra help, instructions are displayed on the unit and on the Pod Point Open Charge app help guide drivers through the process.

Data Fees

To enable communication with the Pod Point Network, the data contract for the in-built SIM card (if applicable) must be maintained. Data costs vary with contract duration and Management System feature requirements.

Connected

Pod Point Twin units are designed to communicate with our Pod Point Network.

Mode 3

All our TwinPod Points use the industry standard Mode 3 charging protocols.

Installation

The Pod Point Twin range of charge points are designed for installation in either open air or protected environments. Each is supplied with a ground anchor, and is simple to install and connect. Feeder pillars, protective guards, signage, and other ancillaries required at the installation site are also available. Pod Point can, in some territories, provide a turn-key service for the installation and commissioning of charge points. Posts are not put into service, nor is the product warranty valid, until installation in accordance with Pod Point's protocols and local regulations has been verified.

After sales service

We will not undertake any repairs for any out-of-warranty failures without first receiving acceptance of our quotation for the related costs.

Pod Point Twin Datasheet

Security
Secure data encryption HTTPS
Wi-Fi 802.11b/g/n @ 2.4 GHz
Powerful Crypto Engine for fast, secured WLAN Connections with 256-Bit Encryption
TCP on Port 443
Mode
Access Point (only for setup)
Station
Channel Mask
1 to 13
Scan RSSI Threshold
-95dB
Station Addressing Scheme
Dynamic

Model	T7-S	T22-S
Part number	T7-S-2	T22-S-2
Charge Protocol	Mode 3	
Rated voltage	230V AC	400V AC
Rated frequency	50Hz	
Rated output current	2x32A	2x32A Three Phase
Rated output	2x7kW	2x 22kW*
Phase	Single Phase	Three Phase
Over current protection	RCBO 40A per socket & software monitored	RCD 63A & MCB 40A 4-pole per socket & software monitored
Ground fault protection	To be determined at point of installation	
Socket electrical compliance	IEC 62196-2	
Standards compliance	LVD 2014/35/EU, EMCD 2014/30/EU, EN61851-1 and -22, CE Certified	
Standby power consumption	8W	
Wifi Comms	(IEEE 802.11 bgn)	
Network Compatible	Yes	

*Note: The unit can be derated to 11kW

Limitation of liability

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

Warranty

All correctly installed POD Point hardware is covered by our thirty six month limited warranty.

Any hardware failure should be promptly reported to us, ideally by e-mail to enquiries@pod-point.com, or by calling our support team on 0207 247 4114 quoting the serial number, location of the product, and giving 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 in warranty, we will make arrangements for one of our team to visit the location and, 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 shortcoming in design or manufacture of our product, we will make reasonable attempts to suggest what the issue is, 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.

Point smart charging hardware is designed to operate in co-ordination with grid demands. In periods of peak local, regional and national electrical demand charging may be interrupted or rate limited for brief periods to facilitate the need to manage the power grid. This is typically done to maintain stability of the grid, and ensure quality of supply. Where the end user has signed up to pod point data services information about each specific event is provided. The interruptions and limits are managed such that there should be no significant effect on vehicle charging overall.

