

# Fast Charging Twin Charger

T3 | T7 | T11 | T22 Datasheet

# Twin Charger

The Pod Point Twin Charger is a dual Type 2-socketed vehicle charger suitable for commercial and public installations. The Twin charger is available for both single & 3 Phase electrical supplies and is compliant with a pay-as-you-go charging system for drivers. Every Twin charger includes and ships with a surface mount foundation plate. Specific models of the Twin Charger are RFID enabled, making them dual authenticating chargers.

Speed category	Fast Charging
Charging speed (s)	3.6kW, 7kW, 11kW & 22kW
Product family	Twin



Freestanding Mount attached

- Dual vehicle charging
- Wi-Fi & 3G/4G enabled\*
- RFID authentication available
- Smart Reporting & Pod Point Network enabled
- 3 Year Warranty

## Pod Point Twin Charger Model Numbers

Please note the model number of Twin will determine the exact specs available.

T3 - 3.6kW Speed (Single Phase)	T7 - 7kW Speed (Single Phase)	T11 -11kW Speed (3 Phase)	T22 - 22kW Speed (3 Phase)
T3-S-6mA -02	T7-S-03-BK-6mA	T11-S-6mA -02	T22-S-03-BK-6mA
T3-S-6mA -02-RO Router	T7-S-03-WH-6mA	-	T22-S-03-WH-6mA
-	T7-S-03-BK-RO-6mA Router	-	T22-S-03-BK-RO-6mA Router
-	T7-S-03-WH-RO-6mA Router	-	T22-S-03-WH-RO-6mA Router
-	T7-S-03-BK-RFID-6mA RFID enable	-	-
-	T7-S-03-BK-RFID-RO-6mA RFID enable + router	-	-
-	T7-S-03-WH-RFID-6mA RFID enable	-	-
-	T7-S-03-WH-RFID-RO-6mA RFID enable + router	-	-

## Physical Properties

Height Width Depth	1330mm 241mm 295mm
Weight	19 kg 22.5 kg-T22
Shipping Height Width Depth	1480mm 340mm 370mm
Shipping Weight	24kg 30kg - T22

Standard colours	RAL9005 RAL9003
Finish	Anti-graffiti

Operating temperature	-25°C to 50°C
Operating humidity	95%

Socket type	Universal Type 2
Socket height	1000mm
Enclosure rating	IP54 Mennekes socket

(\*3G/4G on RO models only)

## RFID Authentication

Applies to specific RFID models only

RFID Card Technology	NTAG
Height Width Depth	1330mm 241mm 295mm
Weight	19.3 kg 22.8 kg-T22
Shipping Height Width Depth	1480mm 340mm 370mm
Shipping Weight	24.3kg 30.3kg - T22

## Power

Charge protocol	Mode 3
Rated frequency	50Hz
Over-current protection	Internal (dynamic)
RCD protection	Internal 30mAh resettable (per socket)**
DC vehicle fault protection	Internal 6mAh DC (per socket) (BS7671:2018)
RCD protection (main unit)	Internal 100mAh (time delayed)
Upstream RCD protection	Optional
Standby power consumption	8 Watts max

	T3, T7 Models Single Phase	T11 & T22 Models 3 Phase
Rate voltage	400V AC Poly phase+N	400V AC 3 phase+N
Rated output current	32A	64A 32A
Rated output	2 x 3.6kW 2 x 7kW*	2 x 11kW* 2 x 22kW*

## Standards & Compliance

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

## Connectivity

Wi-Fi	(IEEE 802.11bgn) @2.4 Ghz
Connection security	Secure data encryption HTTPS
TCP	Port 443
Channel Mask	1 to 13
Scan RSSI Threshold	-95dB
Station addressing scheme	Dynamic

3G/4G	Optional modem available
Pod Point App	Pair via Wi-Fi
Smart charging	Enabled

## Surface Mount Foundation (details)

Dimensions Height Width Depth	400mm 370mm 60mm
Weight	2.5Kg

\*All Twin chargers can be de-rated remotely if required.

\*\*Requires the disconnection of the charging cable and only applies to 03 models of Twin Charger - signified by the SKU code.

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## Access

- For full user guide details please see the Twin charger user guide document.
- Each charging socket is protected by a hinged flap.
- Users begin charging by connecting their charging cable with the Twin and their vehicle.
- Authenticate and confirm a charge via the Pod Point mobile application.

## Data & fees

- To connect and communicate to the Pod Point network a data contract must be maintained.
- Data costs will vary alongside contract duration and feature requirements.
- All of our Twin chargers use the industry standard Mode 3 charging protocol.

## Installation

- For full installation details please see the Twin charger installation guide document.
- All Twin chargers are designed for either open air or protected environments.
- Each Twin is supplied with a baseplate
- Ancillaries such as feeder pillars, protective guards, signage and more - are all available from Pod Point.
- Pod Point can provide a turn-key service for the installation and commissioning of Twin charging points.
- Pod Point chargers are not put into service or valid for their warranty until installation is in accordance with Pod Point's protocols and local regulations have 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 related costs. Refer to the Twin installation guide for further details of supply requirements.

## Smart 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](mailto: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**



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Website: **pod-point.com**

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