Fast Charging

Twin Charger

T3 | T7 | T11 | T22 Datasheet

Twin Charger

pod POINT

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

Dual vehicle charging

Wi-Fi & 3G/4G enabled*

RFID authentication available
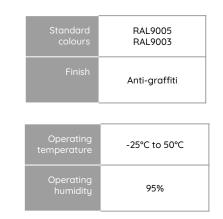
Smart Reporting & Pod Point Network enabled

3 Year Warranty

Surface Mount Foundation attached

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	-	T22-S-03-BK-RFID-6mA RFID enable
-	T7-S-03-BK-RFID-RO-6mA RFID enable + router	-	T22-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	-	-

Twin Charger

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 RIFD 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

Twin Charger

pod POINT

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.

Twin Charger

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 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