

# 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                    |



Dual vehicle charging



Wi-Fi & 3G/4G enabled\*



RFID authentication available



Smart Reporting & Pod Point Network enabled



3 Year Warranty



Freestanding Mount 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<br>Width<br>Depth             | 1330mm<br>241mm<br>295mm |
| Weight                               | 19 kg<br>22.5 kg-T22     |
| Shipping<br>Height<br>Width<br>Depth | 1480mm<br>340mm<br>370mm |
| Shipping<br>Weight                   | 24kg<br>30kg - T22       |

|                  |                    |
|------------------|--------------------|
| Standard colours | RAL9005<br>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<br>Mennekes socket |

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

## RFID Authentication

Applies to specific RFID models only

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

# Twin Charger



## Power

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

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

## Standards & Compliance

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

## Connectivity

|                           |                              |
|---------------------------|------------------------------|
| Wi-Fi                     | (IEEE 802.11bgn)<br>@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<br>Height<br>Width<br>Depth | 400mm<br>370mm<br>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**



Tweet us at **@Pod\_Point**



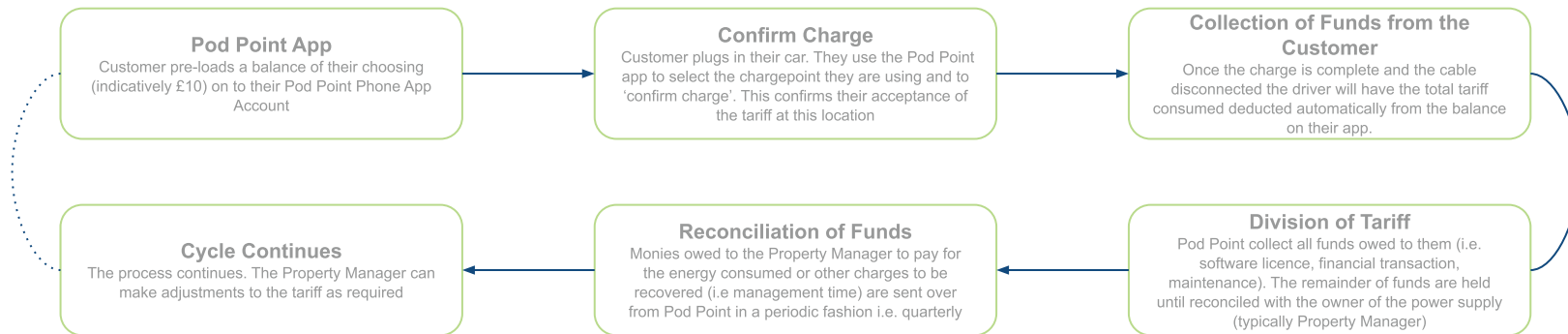
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# Billing Process



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