

22 kW TeltoCharge Suggested configuration



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Introduction

Here you can find information about **Suggested configuration of 22 kW power TeltoCharge installer menu** parameters according to your **electrical grid**.

1 phase (1L+N+PE) | voltage between L-N 230V \pm 10%

To run your 22 kW TeltoCharge on 1 phase, please follow this table below with suggested configurations.

Suggested installer menu configuration guide

With 1-phase of 22 kW TeltoCharge you can achieve to charge at maximum 7.4 kW power.

Option number in installer	Installer menu parameter name	Suggested value to set	Link to description of parameter
01	Max power from grid	32 A	Max power from grid
02	Supply voltage	230 V	Supply voltage
03	Upper voltage tolerance	10 %	Upper voltage tolerance
04	Lower voltage tolerance	10 %	Lower voltage tolerance
05	Three phase charging	OFF	Three phase charging

06	Phase priority	L1	Phase priority
07	Difference between phases	120 °	Difference between phases
08	Use neutral as phase	OFF	Use neutral as phase
09	Use data from energy meter	OFF	Use data from energy meter

10	kWh meter address	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - follow link on the right.</i></p>	
11	Energy meter type	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	
12	RS-485 baudrate	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	Choose your Smart energy meter and its parameters
13	RS-485 parity	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	
14	RS-485 stop bit	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	
15	Dynamic load balancing	OFF	Dynamic Load Balancing

16	Use preferred phase	Not needed to adjust if Dynamic load balancing is OFF.	Use preferred phase
17	Energy meter address	Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i>	Choose your Smart energy meter and its parameters
18	Allow simplified charging sequence	OFF	Allow simplified charging sequence
19	Charger location is ventilated	OFF (if your TeltoCharge is inside the property)	Charger location is ventilated
20	Temperature warning	60 °C	Temperature warning

3 phase (3L+N+PE) | voltage between L-N 230V ± 10% | L-L 400V ± 10%

Suggested installer menu configuration guide

Follow these steps to get started with TeltoCharge in a **maximum** 22 kW power:

Option number in installer	Installer menu parameter name	Suggested value to set	Link to description of parameter
01	Max power from grid	32 A	Max power from grid
02	Supply voltage	230 V	Supply voltage
03	Upper voltage tolerance	10 %	Upper voltage tolerance

04	Lower voltage tolerance	10 %	Lower voltage tolerance
05	Three phase charging	ON	Three phase charging
06	Phase priority	L1	Phase priority
07	Difference between phases	120 °	Difference between phases
08	Use neutral as phase	OFF	Use neutral as phase
09	Use data from energy meter	OFF	Use data from energy meter

10	kWh meter address	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - follow link on the right.</i></p>	
11	Energy meter type	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	
12	RS-485 baudrate	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	Choose your Smart energy meter and its parameters
13	RS-485 parity	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	
14	RS-485 stop bit	<p>Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i></p>	
15	Dynamic load balancing	OFF	Dynamic Load Balancing

16	Use preferred phase	Not needed to adjust if Dynamic load balancing is OFF.	Use preferred phase
17	Energy meter address	Not needed to adjust if Dynamic load balancing is OFF. <i>If it's ON - you must follow link on the right.</i>	Choose your Smart energy meter and its parameters
18	Allow simplified charging sequence	OFF	Allow simplified charging sequence
19	Charger location is ventilated	OFF (if your TeltoCharge is inside the property)	Charger location is ventilated
20	Temperature warning	60 °C	Temperature warning