

# UNITY<sub>20</sub>

## MOBILE CHARGER



**KOSTAD**

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# UNITY<sub>20</sub> MOBILE CHARGER

The Unity20 Mobile Charger is the latest development from Kostad. The most modern silicon carbide semiconductors are used in innovative power electronics. The Kostad Mobile Charger is characterized by its mobile, innovative and compact design and is designed for long-term operation thanks to its stainless steel housing. The Safety and reliability have been checked and certified by TÜV Austria.

Equipped with a 7" touchscreen, the charger simplifies handling and offers a simple and efficient charging experience. The Mobile



Charger configured for the use of an optimal backend solution. With the in-house software „ChargeSphere - powered by Kostad“ you can find all the important data for your charging infrastructure on one overview page.

This enables simple monitoring to call up the current status of your charging stations and to efficiently control services, billing, malfunctions and maintenance.

The Unity20 Mobile Charger charges with up to 22.5 kW, with an optional software boost to 30 kW, and can be equipped with all common connections (CCS, CHAdeMO, Type 2).

Ideal for:

- For charges with a poor fast charging infrastructure
- Construction sites, private households and much more.
- For loads on the go
- Specialist workshops

## Description

## Kostad UNITY 20 MOBILE CHARGER

Type of cargo	DC fast charging
Outputs	CCS, CHAdeMo, AC Type2 22kW (optional)
AC input power	C, Cj: 32 A, 28 kVA @ 50Hz @ 400V
Input voltage range	400 VAC +/- 10% (47-63HZ) -CE version
DC output power	22.5kW; 30kW (option)
DC output voltage	200-1000 VDC
Number of vehicles loaded	1
Cable length	5m (from the housing output) DC optional: 6/8 m DC Mains connection: 10m AC CEE 32A / CEE64A option for 30kW version Optional type 2
Max. Current of the CCS charging line	80A
Max. Current of the CHAdeMO charging line	80A
EMC	Class B (residential) conducted and Class B (residential) radiated emissions according to EN 61000-6-3: 2007; EN61581-21-2
Mains connection	AC CEE 32A / CEE64A option for 30kW version
Protection class	Overcurrent, overvoltage, undervoltage, insulation monitoring, integrated overvoltage protection

**More information in the data sheet**