

# PURE WHITE LABEL DC CHARGER - ULTRA FAST

## 300kW - 420kW

30kW Power Modules



Scalable  
solution



Load  
balancing



Wide voltage  
range



Custom  
features



High power  
charging

### PRIVATE LABEL CHARGER

Product can be fully  
designed for  
your brand!

### Product Introduction

Udenco's White Label DC chargers stand out for their quality, efficiency, and innovation, while remaining cost-effective for electric vehicle charging. Designed for fast Mode 4 charging of electric vehicles, these chargers prioritize rapid recharging without sacrificing performance. Moreover, their seamless integration with charging management systems enhances user experience by enabling straightforward operation, convenient monitoring, and effortless maintenance. With Udenco's chargers, enjoying the benefits of advanced technology for electric vehicle charging has never been easier.

### Key Features

- Dispenser 1x CCS or 2x CCS holder (optional liquid cooled cable)
- Dynamic Load Balancing
- Standard LAN connection
- 4G (optional)
- ISO 15118
- OCPP 1.6J, OCPP 2.0.1 (upgradable)
- Integrated hardware and software controller
- MID DC meter (optional)
- Display (optional)
- RFID authentication
- Payment terminal (optional)
- Scalable solution in 30kW steps
- Easy serviceability and low maintenance
- Remote monitoring and support



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EUROPE



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make it  
**real.**

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## Technical paramaters

### AC input

Input voltage:	3 Phase 400VAC $\pm$ 10% + N + PE
Input frequency:	50Hz
Power factor:	$\geq 0.99$ (Load 100%); $\geq 0.98$ (Load 50%~100%)
Input current max:	3 x 700A

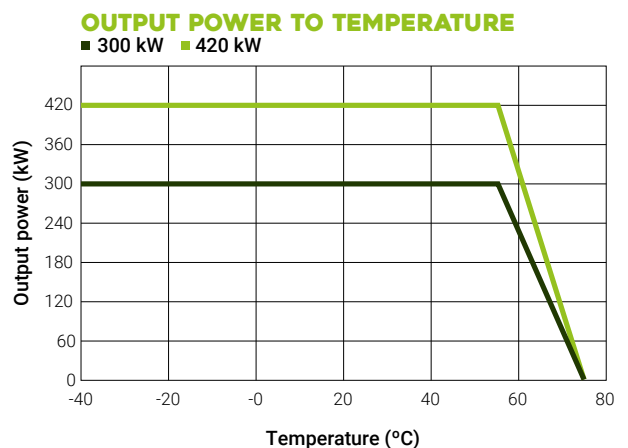
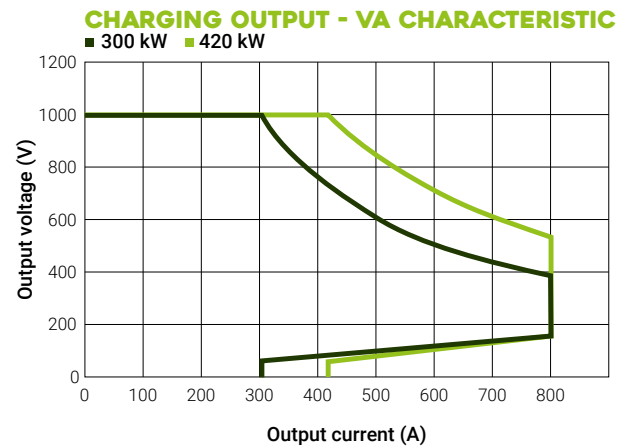
### DC output

Protocol:	Mode 4
Output power:	1x420kW or 2x240kW
Output voltage range:	200 -1000VDC
Output current range:	1x800A or 2 x 0 -600A (with LEM max 600A)
Voltage stabilized accuracy:	$\leq \pm 0.5\%$

### Operating environment

Efficiency:	>96%
Operating/ambient temperature:	-25° to 60° derating from 55°C
Storage temperature	-40°C to 85°C
Humidity:	$\leq 95\%$ RH, without condensation
Pressure/Altitude:	79kPa~106kPa/2000m
Cooling:	Air Cooling fans
Housing dimensions:	Power unit: 1870 mm x 750 mm x 905 mm Dispenser: 1550 mm x 540 mm x 520 mm
Weight:	Power unit: Approx. 860kg-900kg Dispenser: Approx. 150kg
According to European Standards:	EN 61851-1 2011, EN 6185123-2014, CE
Treatment:	Anti-corrosion and powder coating
Number of charging points:	1 x CCS or 2 x CCS
CCS lenght:	1 x 3m or 2 x 3m
DC power plug:	Mode 4 (IEC-61851-23/24) Combo-2 (DIN 10121)
Back office protocol:	OCPP 1.6 /2.01, optional 4G
Start-Stop:	RFID-card / touch screen
Positioning:	GPS
IP grade	54 IEC 60529

**THE MAJOR BENEFITS OF OUR WHITE LABEL BRANDING ARE THAT IT REDUCES RISK, SAVES YOUR COMPANY TIME, ENERGY, AND MONEY IN TERMS OF PRODUCTION AND TIME-TO-MARKET.**



**PRIVATE LABEL CHARGER ON REQUEST!**