

PURE WHITE LABEL DC CHARGER - STANDALONE COMPACT LINE

120kW-180kW / 160kW-240kW

30kW / 40kW Power Modules



Custom
features



High
efficiency



Low noise
design



Wide voltage
range



Innovation

**PRIVATE
LABEL
CHARGER**

Product can be fully
designed for
your brand!

Product introduction

Udenco pure White Label DC chargers provide the perfect mix of high quality, efficiency, and innovation, all while being a cost-effective electric vehicle charging point. They are designed to offer full Mode 4 fast charging for electric vehicles (EV/PHEV). The software-agnostic integration allows for seamless connection to the charging management system, offering flexibility for easy operation, monitoring, and maintenance.

Key features

- Dynamic Load Balancing (optional)
- Standard LAN connection
- 4G (optional)
- Integrated hardware and software controller
- Display (optional)
- 2x CCS, holder side, bottom (optional)
- MID DC meter (optional)
- Payment terminal (optional)

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.



**MADE IN
EUROPE**



UDENCO
Your green
technology
contractor



We
make it
real.

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Technical parameters

AC input

Input voltage:	3Phase 400VAC
Input frequency:	50Hz
Power factor:	≥0.99 (Load100%); ≥0.98 (load 50%~100%)
Input current max :	120kW: 3 x 200A 180kW: 3 x 300A 160kW: 3 x 270A 240kW: 3 x 400A

DC output

Protocol:	Mode 4
Output power:	120kW (2 x 60kW) 180kW (2 x 90kW) 160kW (2 x 80kW) 240kW (2 x 120kW)
Output voltage range:	200 -1000VDC
Output current range:	2 x 0 -200A / 0 -400A
Voltage stabilized accuracy:	±0.5%

Operating environment

Efficiency:	>96%
Operating/ambient temperature:	-25° to 60°, Derating from 55°C
Storage temperature	- 40°C to 85°C
Humidity:	≤ 95% RH, without condensation
Pressure/Altitude:	79kPa~106kPa/2000m
Cooling:	Air Cooling fans
Dimensions (HxWxD):	1770mm x 720mm x 815mm
Weight:	120kW: Approx. 340kg 180kW: Approx. 390kg 160kW: Approx. 350kg 240kW: Approx. 400kg
According to European Standards:	EN 61851-1 2011, EN 6185123-2014, CE
Treatment:	Stainless steel + Anti-corrosion and powder coating
Number of charging points:	2 x CCS
CCS cable length:	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 (controller to be discussed)
Start-Stop:	RFID-card / touch screen
Positioning:	GPS
IP grade	54 IEC 60529

