

WHITE LABEL SMART CHARGER - PILLAR AC 2X22KW



Innovation



Durability



Energy
Management



IP55
protection



Green
energy

Product Introduction

Udenco offers advanced electric vehicle charging stations that are high-quality, reliable and designed for easy and controlled charging. Your own charging station, featuring custom branding, combines stainless steel and aluminum housing, guaranteeing protection against adverse weather conditions and corrosion. Equipped with Smart Dynamic Energy Management, our charger ensures effortless integration with charging management systems for smooth operation, real-time statistics, monitoring, and maintenance through the web portal.

Key Features

- Charging speed 2x22kW (32A)
- User prioritization set up and scheduling
- LED charging status indicator
- MID certified energy meter
- Built-in overload and fault current protection
- ISO15118 (Plug&Charge)
- OCPP 1.6J, OCPP 2.0.1 (upgradable)
- Display 4' or 7'
- RFID authentication and payment terminal (optional)
- Solar Power Management
- Smart Grid Service (ex. Demand Response)
- Static and Smart Dynamic Energy Management
- Local off-line operation without the need for cloud connection
- Remote Self Diagnostic and Maintenance (provided as a service)
- Transparent Consumption Statistics (OCPP, App, Web portal)
- Pen -fault protection
- Tilt Detection and Door Alarm (upgradable)
- API Integration (as a service)

PRIVATE LABEL CHARGER

Product can be fully
designed on request
for your brand!



MADE IN
EUROPE



UDENCO
Your green
technology
contractor



We
make it
real.

WWW.UDENCO.COM

Technical parameters

Power input and output

Input rating	7kW: 1-phase 230V $\pm 20\%$, 64A 22kW: 3 Phase 400VAC $\pm 10\%$ + N + PE
Standby Power	< 5 W
Output rating	7kW: Dual 7kW 1-phase, 32A 22kW: Dual 22kW 3-phase, 32A

Protection

Internal Residual Current Detection	Dual CE Certified RCCB Type-B 40A
Over Current Protection	Main MCB 80A & Dual MCB 40A & Type B MCBB 6 MA
Lightning Protection	SPD 40KA
Energy Meter	Embedded, External MID Certified (Supported), G100 compliant
Electrical Protection	Over current, short circuit, over voltage, under voltage, lightning surge, pen-fault detection, over temperature

User Interface & Control

Status Indicators	LED light indicating state of charger: charging, faulty or available
Display	7" LCD Display
User Authentication	RFID card reader, ISO/IEC 14443a, 156963 (upgradable)
Buttons/Switches	2 Physical button for charging connector selection

Environmental

Operating Temperature	(-30°C to +55°C) in operation, (-40°C to +80°C) in storage
Humidity	95% relative humidity, non-condensing
IP level	IP 55

Mechanical

Mounting Type	Pedestal Type
Dimension (W x H x D)	350 x 1400 x 200 mm
Net Weight	7kW: 28kg 22kW: 30kg

Communication

Network Interface	Ethernet, 2.4GHz Wi-Fi, Bluetooth, 4G Module,
OCPP	OCPP 1.6J, OCPP 2.0.1 (upgradable)

Regulation

Certificate	IEC61851-1, CE, UKCA
Charging Interface	IEC 62196 Dual Type 2 sockets or Dual type 2S sockets with cable lock

**PRIVATE
LABEL
CHARGER ON
REQUEST!**