# WHITE LABEL SMART CHARGER - PILLAR AC 2X22KW



Innovation



Durability



Energy Management



IP55 protection



Green energy

#### **Product Introduction**

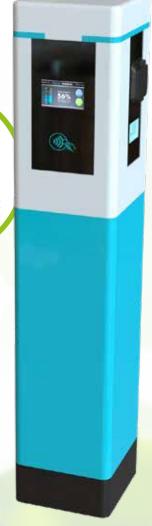
Udenco offers advanced electric vehicle charging stations that are high -quality, reliable and designed for easy and controlled charging. Your own charging station, featuring custom branding, combines stainless steel and aluminum housing, guaranteeing protection against adverse weather conditions and 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!









# **Technical paramaters**

### Power input and output

Input rating 7kW: 1-phase 230V ±20%, 64A

22kW: 3 Phase 400VAC ± 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 Dual CE Certified RCCB Type-B 40A

Detection

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

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 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



