

# Starvo POLARIS 14

## AC Dual-Gun 14 kW Smart Charger



POLARIS 14 is Starvo's compact AC smart charger engineered for apartments, workplaces, retail car parks, and hospitality sites. Delivering **2 × 7 kW** simultaneously from a single-phase 230 V supply, it combines a rugged IP54/IK10 housing with a 4.3-inch LCD, intuitive status LEDs, RFID access, and OCPP 1.6J connectivity for seamless operation on the Starvo platform. Built-in metering and comprehensive electrical protections ensure safe, reliable charging for public and semi-public environments.



### Dual Output Power

2 × 7 kW (2 × 32 A, 230 V AC) for two vehicles simultaneously



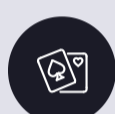
### Type 2 Connectors

5-meter charging cables with universal Type 2 compatibility



### Smart Interface

4.3-inch LCD with LED status indicators (Green/Blue/Red)



### RFID Access

MIFARE ISO/IEC 14443A with Plug & Play, RFID card, or App starting

## Connectivity & Control

- **OCPP 1.6J** for remote monitoring, billing, and smart control
- **LAN, Wi-Fi & Bluetooth** on board
- **4G connectivity** available as optional upgrade
- **Energy meter** integrated for accurate billing
- Compatible with Starvo platform or any OCPP backend

## Safety & Protection

- **RCD 6 mA DC** residual current protection
- Over-current, surge, and voltage protection
- Over/under-frequency and temperature monitoring
- **Emergency Stop** button for immediate shutdown
- **IP54** ingress protection and **IK10** impact resistance

## Technical Specifications



### Input Power

- Power supply: 1P + N + PE
- Rated voltage: 230 V AC
- Rated current: 64 A
- Frequency: 50/60 Hz



### Output Power

- Output voltage: 230 V AC
- Maximum current: 2 × 32 A
- Rated power: 2 × 7 kW (total 14 kW)
- Connector: Type 2, 5 m cable
- Dual charging guns



### Network & Protocols

- LAN, Wi-Fi, Bluetooth
- 4G optional
- OCPP 1.6J protocol
- RFID: MIFARE ISO/IEC 14443A
- Starting: Plug & Play/RFID/App



### Environmental & Safety

- IP54 ingress protection
- IK10 impact protection
- Operating temp: -30°C to +50°C
- Humidity: 5% to 95%
- Altitude: < 2000 m

<b>Dimensions (H × W × D)</b>	1200 × 280 × 200 mm
<b>Net Weight</b>	29 kg
<b>Installation</b>	Ground connection (earthing)
<b>Certification</b>	CE certified
<b>Standards</b>	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-21-2:2018
<b>Warranty</b>	1 year

## Typical Applications



### Residential Communities

Apartments and residential communities seeking reliable dual-bay AC charging for residents and visitors.



### Offices & Campuses

Corporate offices and educational campuses providing employee and student charging infrastructure.



### Retail & Hospitality

Retail parking facilities and hospitality venues offering convenient charging for customers and guests.



### Fleet Operations

Fleet base depots and mixed-use developments requiring efficient, monitored charging solutions.

## Ordering & Contact

For ordering codes, pedestal and base options, backend activation details, and technical support, contact Starvo's sales team. Our experts are ready to help you design the perfect charging solution for your specific application and site requirements.

**PT Starvo Global Energi**

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