



AXON SAT

**Flexible Power.
Scalable Charging.
Built for Split Architectures.**

High-current satellite charging with centralised power units – scale charging points efficiently while optimising infrastructure cost.



Up to 700 A charging current



Split architecture with central power units



Designed for scalable hub and fleet charging

Split architecture

Satellite unit

Connectors

1 × CCS / 2 × CCS

Max.charging current

400 A (up to 700 A)

CMS

Prioprietary system

Where Axon SAT works best



High-density charging hubs



Urban & commercial locations



Bus and heavy-duty vehicle sites

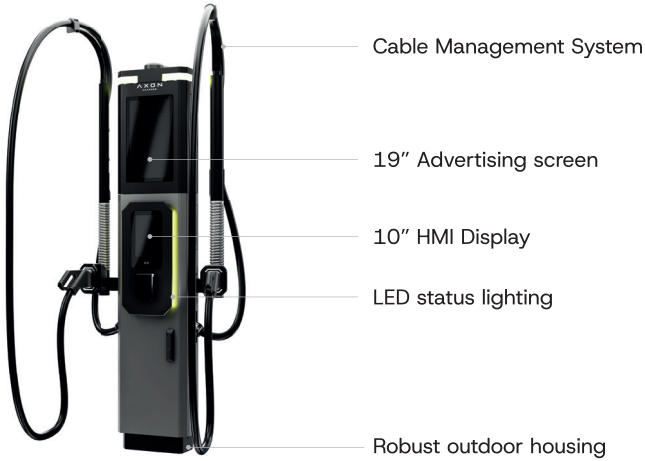


Fleet & logistics depots

Why Axon SAT

- Scalable charging without duplicating power electronics
- Efficient use of grid capacity through split architecture
- Designed for high-traffic and fleet environments
- Flexible configuration for different site layouts
- Reliable operation in demanding outdoor conditions





Configurable to your business model

- Connector options: 1x CCS / 2x CCS
- Cable lengths: 5.5 / 7 / 9.5 m
- Cable Management System (CMS)
- MID / Eichrecht compliant metering
- Branding options and display configurations
- Payment terminals (multiple providers)

Split architecture in practice

Satellite units deliver power directly at the parking space, while central units handle power conversion and load distribution.



This approach enables multiple charging points to operate on shared infrastructure – reducing grid requirements while maintaining high charging performance.

Core capabilities



Performance

- Up to 700 A charging current
- Support for single or dual CCS connectors
- Designed for passenger and heavy-duty EV charging



Efficiency & Grid

- Optimised power distribution via centralised architecture
- Reduced grid load through shared power infrastructure
- No need to oversize power per charging point



User Experience

- Ergonomic connectors with cable management
- Clear charging status indication
- Optional display and branding elements



Operations & Integration

- OCPP 1.6J / 2.0.1
- ISO 15118 readiness
- Remote diagnostics & updates
- Optical fiber or Ethernet communication

Powering site profitability



Lower infrastructure investment

Reduce cost per charging point by centralising power conversion and deploying lightweight satellite units



Higher utilisation

Serve more vehicles simultaneously cross multiple satellites sharing available power



Faster ROI

Increase throughput in high-demand locations with high-current charging capability



Scalable expansion

Add new charging points without duplicating power electronics