

A400 | A300 | A200

Charging Made Seamless



Power Fit for Purpose

400 kW

Field-upgradable from 200 kW

Branded Experiences

32" HD

Award-winning UI/UX

Reliable Energy Delivery

99+ %

Success Rate*
*Operational target

Power Specification

Power Configuration: **A200:** 200 kW | **A300:** 300 kW | **A400:** 400 kW
Upgradable from 200 kW to 400 kW or from 300 kW to 400 kW

DC Output: Output current:
CCS/NACS (liquid-cooled): 600 A continuous
CCS (phase-cooled): 600 A peak
NACS (air-cooled): 375 A continuous

Dynamic Power Sharing¹: 50 kW power granularity
Output voltage: 150 - 980 V
Number of outlets: dual outlet
Power conversion efficiency: up to 97%
Standby power: 156 W

AC Input: Nominal voltage: (CE): 400 Vac ($\pm 10\%$) (NA): 480 Vac ($-7\%/+10\%$)
Nominal input current (RMS): **A200:** (CE): 306 A (NA): 255 A
A300: (CE): 460 A (NA): 383 A | **A400:** (CE): 612 A (NA): 496 A

Frequency: (CE): 50 - 60 Hz ($\pm 5\%$) (NA): 60 Hz ($\pm 5\%$)
Earthing systems: (CE): TN-C, TN-C-S, TN-S, TT (NA): WYE
Inlet cable size per phase (no neutral): max. 2 x 300 mm² (600 kcmil)
Power factor: > 0.99 at full load
Total Harmonic Distortion (THD): < 3%
Overvoltage category: III
SPD: (CE): Type 1 + 2 (NA): Type 1
SCCR: (CE): 50 kA (NA): 65 kA

Customer Interface

Display: Type: 32" HD full-color anti-glare LCD; Brightness: 1300 nits;
Contrast: 1000:1; Interface: 4 push buttons

HMI Configuration: Info modules: pricing, payment method, help content, idle state info
Branding modules: brand color, logo and messaging,
app integration, rich media

Languages: English, French, Spanish, German, Italian, Norwegian, Dutch,
Swedish, Danish, 7+ languages coming

Connector Options: CCS1/2 liquid-cooled, or phase-cooled
NACS liquid-cooled, or air-cooled

Cable Management System (CMS): 2 x integrated self-retracting swing arm

Cable Options: Length: 4.8 m (15.7 ft); Reach: 3.5 m (11.4 ft)
Length: 7 m (22.9 ft); Reach: 6.3 m (20.7 ft)

Lighting: Roof: 360° dual RGBW LED strips; Gun holder: RGBW LEDs

Authentication Methods: RFID, Autocharge, Plug & Charge, credit/debit card, mobile app

RFID System: Mifare ISO 14443 A/B to part 4 and ISO 15693,
ISO 18092/ECMA-340 (NFC), others available on request

Remote Management: Access control, configuration, diagnostics, software updates²

System Specification

Operating Conditions:	<p>Operating from -30°C to 55°C (-22°F to 131°F) with derating Storage from 5°C to 40°C (41°F to 104°F), IEC 60721-3-2</p> <p>Altitude: 2000 m (6562 ft) Humidity: up to 95%, non-condensing Impact resistance: IK10 IP rating: IP54, NEMA 3R (in development), indoor and outdoor rated</p> <p>Noise emission average within 1 m radius, at 25°C (77°F), full power: A200: 62 dB(A) A300: 64 dB(A) A400: 65 dB(A) Intended use: indoor and outdoor Mounting options: floor mounted Environment pollution degree: Class 3 (outside), Class 2 (inside)</p>
Form Factor:	<p>Dimensions of charger body (H x W x D): 2256 x 790 x 810 mm (88.8 x 31.1 x 31.9 in) Weight: A200: 560 kg (1235 lbs) A300: 645 kg (1422 lbs) A400: 730 kg (1610 lbs)</p> <p>Accessibility: meets ADA requirements for height, reach, and user interface Enclosure type: high-durability aluminum body Corrosion resistance: C5-H, ISO 12944</p>

Standards & Compliance

Safety Standards:	(CE): IEC 61851-1, IEC 61851-23 (NA): UL 2202, UL 2231-1, UL 2231-2, CSA 22.2 No.346:22
Metering:	(CE): Eichrecht, MID, LNE (NA): CTEP/NTEP
EMC:	(CE): IEC 61851-21-2 (NA): FCC 47 CFR Part 15B (Class A)
Manufactured:	USA & Europe
Network Connections:	3G/4G/5G, Ethernet (10/100 Base-T), optional second modem
OCPP:	Open Charge Point Protocol (OCPP) 1.6J and 2.0.1
Vehicle Communication Protocol:	DIN SPEC 70121, ISO 15118-2, ISO 15118-3, Autocharge, Plug & Charge, ISO 15118-20 (in development)
RED Directive:	ETSI EN 300 330, ETSI EN 301 489-1, ETSI EN 301 489-3, ETSI 301 489-52, ETSI EN 301 908-13, EN 50364 (RFID), IEC 62311: 2019, EN IEC 62311: 2020 (4G test)
Sustainability:	ISO 14025 Environmental Product Declaration, A200 A300: ENERGY STAR
Additional Standards:	DC Vehicle connector compliant with IEC 62196-1, IEC 62196-3, Cabinet IP rating according to IEC 60529
Expected Lifespan:	10 years ³

¹ 50 kW granularity on A400 starts at 100 kW minimum output

² Subject to Service Package coverage

³ Expectation based on uninterrupted Service Package coverage, possible refurbishment based on use, and use in suitable environmental conditions including limited proximity to sea water, conductive dust, and condensing humidity

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