

A400

# Ultra-Fast Charging Made Seamless



Maximum  
Performance

400 kW

Peak Output Power

Reliable

+99 %

Charging Success Rate

Built to Last

10 year

Designed Lifespan

# Power Specification

<b>DC Output:</b>	<p>Output Power: 400 kW Dynamic Power Sharing: 50 kW power granularity</p> <p>Output voltage: 150 - 980 V Output current (peak): CCS: 600 A J3400: 375 A</p> <p>Number of outlets: dual outlet Total system efficiency: up to 97 %</p>
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<b>AC Input:</b>	<p>Nominal voltage: (CE): 400 Vac (NA): 480 Vac Nominal input current (RMS): (CE): 612 A (NA): 510 A</p> <p>Frequency: (CE): 50 Hz (± 5 %) (NA): 60 Hz (± 5 %) Earthing systems: (CE): TN-C, TN-C-S, TN-S, TT (NA): WYE</p> <p>Inlet cable size per phase (no neutral): max. 2 x 300 mm<sup>2</sup> (600 kcmil)</p> <p>Power factor: &gt; 0.99 @ full load Total Harmonic Distortion (THD): &lt; 3 % Overvoltage category: III SPD: (CE): Type 1 + 2 (NA): Type 1</p>
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# Customer Interface

<b>Display:</b>	Type: 32" full-color LCD; Interface: 4 push buttons
<b>Lighting:</b>	Roof: 360° dual RGBW LED strips; Gun holder: RGBW LEDs
<b>Languages:</b>	English, French, Spanish, German, Italian, Norwegian, Dutch (others available via software upgrade)
<b>Connector Options:</b>	Patented two-phase cooling technology (CCS1, CCS2), Air-cooled J3400 (NACS)
<b>Cable Management System (CMS):</b>	2 x integrated self-retracting swing arm
<b>Cable:</b>	<p>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) Type: Air-cooled</p>
<b>Authentication Methods:</b>	RFID, Autocharge, Plug and Charge, credit/debit card, mobile app
<b>RFID System:</b>	Mifare ISO 14443 A/B to part 4 and ISO 15693, ISO 18092/ECMA-340 (NFC). Others available on request (Calypso, Ultralight, PayPass, HID, and more)
<b>Remote Management:</b>	Access control, configuration, diagnostics, software updates

# System Specification

<b>Operating Conditions:</b>	<p>Operating from -30 °C to 55 °C (-22 °F to 131 °F) Storage / transport from -5 °C to 40 °C (23 °F to 104 °F)</p> <p>Altitude: 2000 m (6562 ft) Humidity: up to 95 %, non-condensing</p> <p>Impact resistance: IK10 (Display: IK08) IP rating: IP54, NEMA 3R; indoor and outdoor rated</p> <p>Noise emission: 65 dB(A) average @ 1 m, 25 °C (77 °F), full power Intended use: indoor and outdoor Mounting options: floor mounted Environment pollution degree: Class 3 (outside), Class 2 (inside)</p>
<b>Dimensions:</b>	<p>H x W x D: 2256 x 810 x 790 mm (88.8 x 31.9 x 31.1 in) Weight: 730 kg (1610 lbs)</p> <p>Accessibility: meets ADA requirements for height, reach, and user interface</p>

## Standards & Compliance

<b>Safety Standards:</b>	<p>(CE): EN 61851-23: 2014/AC: 2016-06, EN IEC 61851-1: 2019 (NA): UL 2202: 2022, CSA 22.2 No.346: 22, UL 2231-1, UL 2231-2</p>
<b>Metering:</b>	(CE): Eichrecht (NA): CTEP/NTEP
<b>EMC:</b>	(CE): IEC 61851-21-2: 2021 (NA): 47 CFR FCC Part 15, Subpart B, §15.107, §15.109 (Class A)
<b>Manufactured:</b>	USA & Europe
<b>Network Connections:</b>	Dual SIM, GSM/3G/4G/5G, 10/100 Base-T Ethernet
<b>Network Communication Protocol:</b>	Open Charge Point Protocol (OCPP) 1.6J and 2.0.1
<b>Vehicle Communication Protocol:</b>	DIN SPEC 70121, ISO 15118-2, ISO 15118-3, Autocharge, Plug and Charge
<b>Short Circuit Current Rating:</b>	<p>(CE): 50 kA (NA): 65 kA</p>
<b>RED Directive:</b>	ETSI EN 300 330 V2.1.1 2017, EN 50364:2018 (RFID), ETSI EN 301 908-13 V.13.2.1 2022, IEC 62311:2019, EN IEC 62311:2020 (4G test)
<b>Additional Standards:</b>	DC Vehicle connector compliant with IEC 62196-1:2014, IEC 62196-3:2014, Cabinet IP rating according to IEC 60529:2013
<b>Designed Lifespan:</b>	10 years

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