

MARUIKEL

Atlas DC Charging Solution

Empower drivers to charge safely and efficiently by providing clean, profitable charging solution for businesses, accelerating the world's transition to sustainable energy.



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Atlas

DC Charging Solution



Atlas D80 / 120 / 160-CE
Atlas D80 / 120 / 160-UL



Profitable Scalable Reliable

Atlas DC Charging Solution

Future Proof Investment

- Support parallel design to meet future high-power charging-needs
- CCS 1, CCS 2, CHAdeMO, GB/T
- Built-in 10+ languages

Exceptional User Experience

- Low noise design, ≤ 60 dB (A)
- Support APP, NFC, credit card, Plug & Charge
- User-friendly cable retraction system

Easy Maintenance

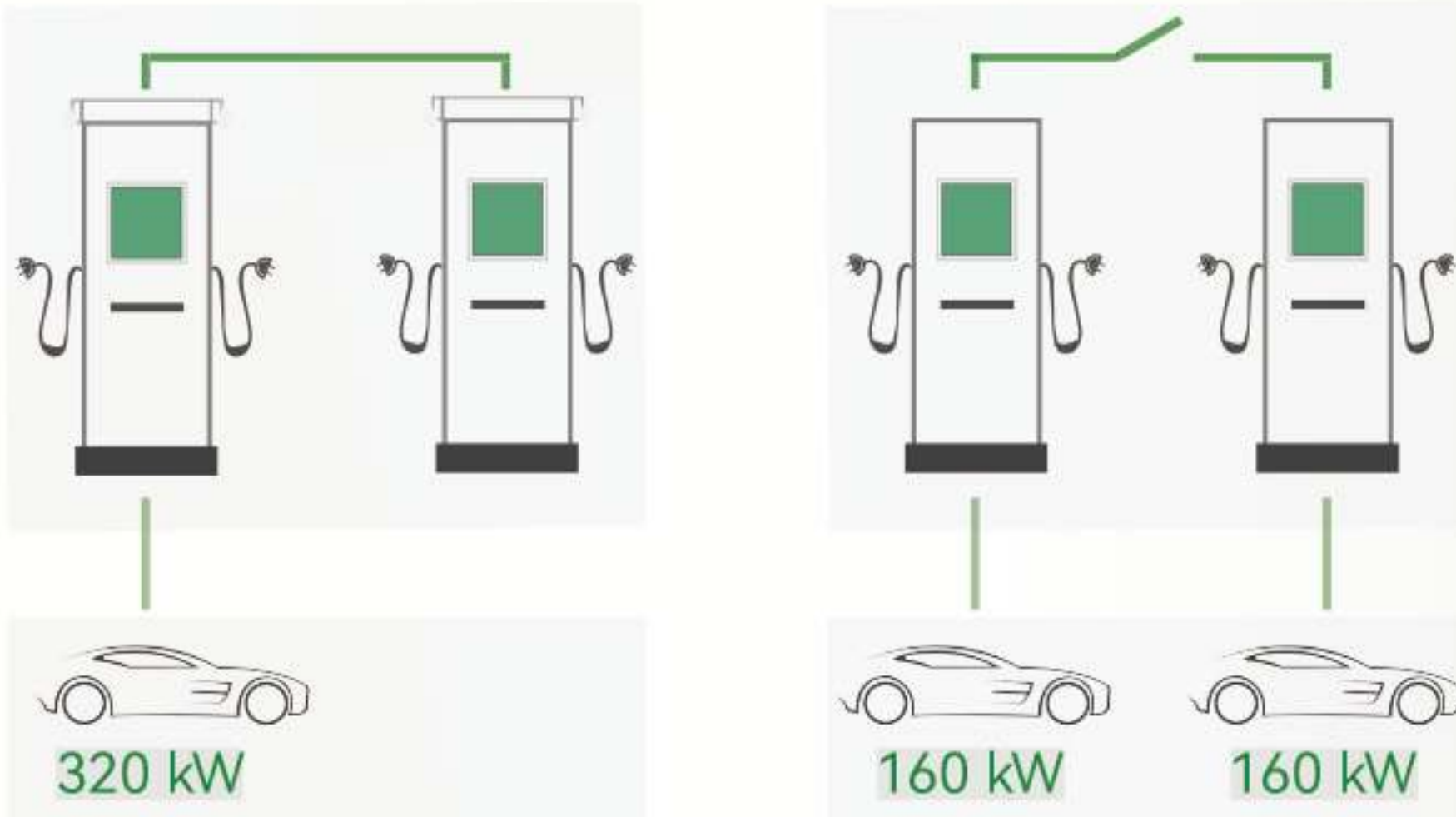
- Unique module pre-installation design
- Automatic inspection platform
- Remote diagnostics and OTA upgrade

Safe and Reliable

- 53-fold electrical protections: short circuit, leakage ground, overcurrent, insulation, lightning protection, etc.
- Stainless steel cabinet
- Smart charging

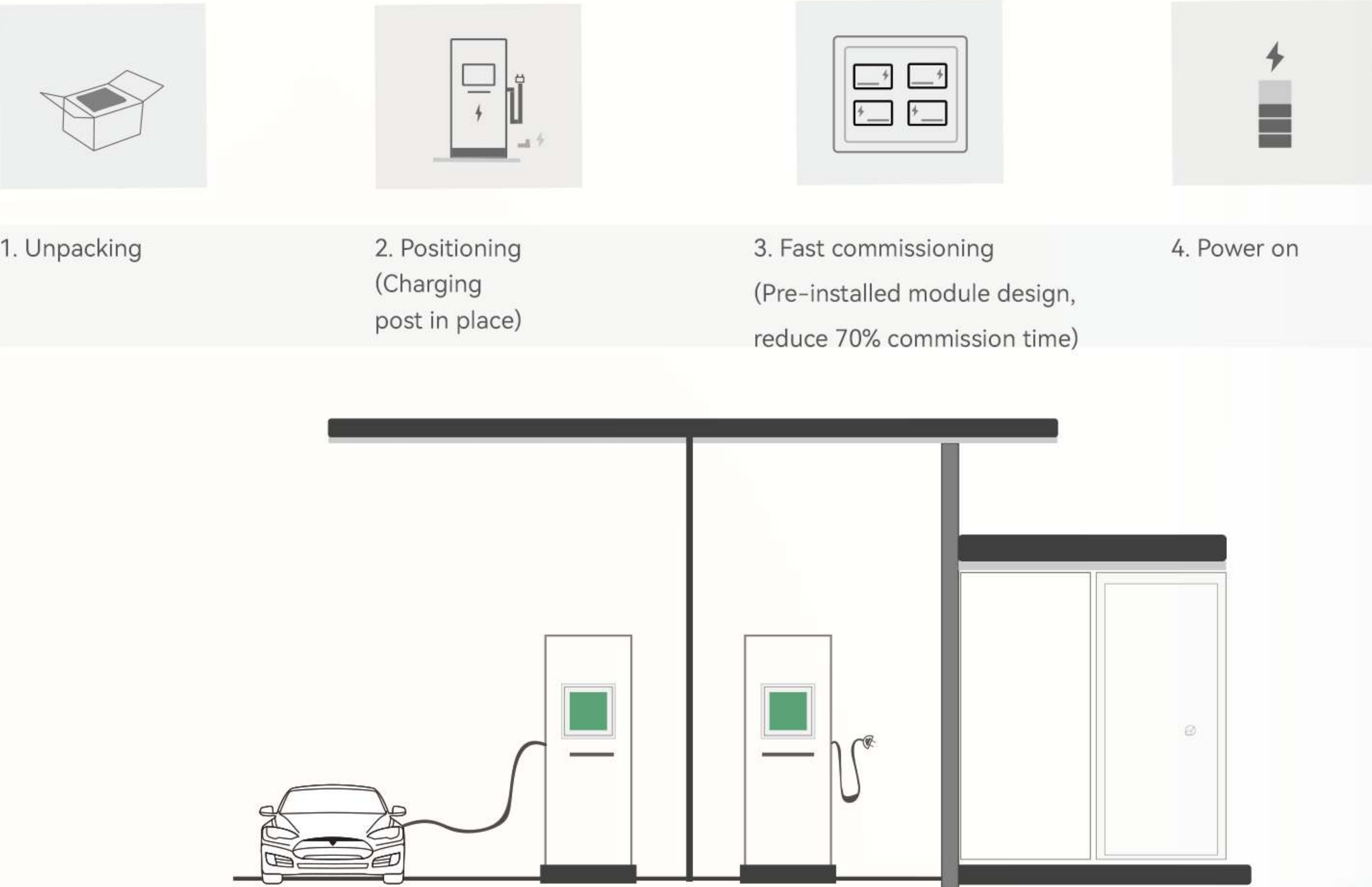
Scalable Solution

- Support parallel function to meet future high-power charging needs, maximizing investment return



Easy and Fast Commissioning

- Pre-installed module design, significantly reducing transportation and installation costs



Exceptional User Experience



Extremely Safe



Specifications

Features	Description	Atlas D80 / 120 / 160-UL	Atlas D80 / 120 / 160-CE
AC Input	Voltage	480 V AC±10%	400 V AC±10%
	Current	96 A / 144 A / 192 A	115 A / 173 A / 231 A
	Frequency	50/60 Hz±10%	50/60 Hz±10%
	AC wiring	3P + N + PE	3P + N + PE
DC Output	Voltage	200 VDC ~ 1000 VDC	200 VDC ~ 1000 VDC
	Max current	200 A / 200 A / 200 A, 500 A	200 A / 200 A / 200 A, 500 A
	Power	80 kW / 120 kW / 160 kW	80 kW / 120 kW / 160 kW
	One outlet	CCS 1	CCS 2
	Two outlets	CCS 1 + CHAdeMO or GBT	CCS 2 + CHAdeMO or GBT
Screen & Communication	Three outlets	CCS 1 + CHAdeMO or GBT + Type-1 (22 kW) socket	CCS 2 + CHAdeMO or GBT + Type-2 (22 kW) socket
	HDMI	15" high brightness	
	Network Protocol	Ethernet, Wi-Fi, SIM (2G / 3G / 4G)	
Protection	Electrical	Protection against short circuit, over-voltage, under-voltage, over temperature, surge, lightning; Detection of grounding, insulation, phase deficiency; RCD: AC outlet-Type A + 6 mA; DC outlet-Type A	
	Hardware Rating	IP54, IK10 (screen IK08)	
	Standards	UL 2202, UL 2231-1, UL 2231-2	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, ROHS
Certifications & Authentication	Online	1. APP 2. RFID: ISO 14443 mifare1 3. POS (visa / master card, debit card, Apple pay, Google pay) 4. ISO 15118 Plug & Charge	
	Offline	1. White listed RFID card 2. Password	
	Dimensions	(H x W x D) 1880/2100 x 850 x 600 mm	
	Weight	< 450 kg	
General Design	Cable	Standard: 5 m; Optional: 7 m; Cable management system optional	
	Super charging	320 kW, two units of 160 kW in parallel mode with 500 A liquid cooling cable, extra accessory needed	
	Standby power	< 80 W	
	Installation	Ground	
	Storage Temp.	-40°C to +80°C	
	Operation Temp.	-30°C to +55°C	
	Humidity	5% to 95%	
	Altitude	≤ 2000 meters	
	Noise	≤ 60 dB (A)	
	Material	Stainless steel	
	Warranty	3 years, extendable to 5 years	