80-160kW Atlas DC Fast Charger

Safe and Reliable

- 53-fold electrical protections
- Stainless steel cabinet
- Smart charging

Easy Maintenance

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

Exceptional User Experience

- Low noise design, ≤65dB
- Support APP, NFC, credit card, PNC
- User-friendly cable retraction system

Future Proof

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

Specification

Category	Item	Atlas D80/120/160-EU		Atlas D80/120/160-UL
Input	Voltage	400VAC ± 10%		480VAC ± 10%
	Current	180A / 250A / 320A		117A / 174A / 231A
	Frequency	50/60Hz ± 10%		
	AC Wiring	3P + N + PE		
Output	Voltage	200VDC - 1000VDC		
	Max Current	200A / 200A / 200A, 500A(Optional)		
	Power	80 kW	120 kW	160 kW
	One Outlet	CCS2		CCS1
	Two Outlets	CCS2 + CHAdeMO or GB/T		CCS1 + CHAdeMO or GB/T
	Three Outlets	CCS2 + CHAdeMO or GB/T+ Type-2 (22 kW) socket(optional)		CCS1 + CHAdeMO or GB/T+ Type-1 (22 kW) socket(optional)
Screen& Coummunication	HDMI	15" high brightness full color touchscreen display		
	Network	Ethernet, Wi-Fi, SIM (4G)		
	Protocol	OCPP 1.6J, OCPP 2.0J ready		
Protection	Electrical	Protection against short circuit, overvoltage, undervoltage,over temperature, integrated surge protection, lightning, detection of grounding, insulation, phase deficiency, RCD: AC outlet - 30 mA AC + 6 mA DC ; DC outlet-Type A		
	Hardware	Emergency stop button		
	Rating	IP54, IK10 (screen IK08)		
Certification & Standards	Certifications	CE, UKCA, RoHS		UL, ENERGY STAR
	Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, RoHS		UL 2202, UL 2231-1, UL 2231-2
Authentication	Online	1. APP; 2. RFID: ISO 14443 mifare 1; 3. ISO 15118 Plug & Charge; 4. POS (Visa / Master Card, Debit Card, Apple Pay, Google Pay)		
	Offline	1. White listed RFID card; 2. Password		
General Design	Dimensions (W×D×H)(mm)	850×600×1880		
	Package Dimensions (W×D×H)(mm)	1270×820×2066		
	Net Weight	320kg	330kg	340kg
	Gross Weight	325kg	335kg	345kg
	Cable	Standard 5m; Optional 7m; Cable management system optional		
	Standby Power	< 80W		
	Storage Temp	-40°C - 70°C		
	Operation Temp	-30°C - 55°C		
	Humidity	5% - 95%		
	Altitude	≤2000m		
	Noise	≤65dB		
	Material	Stainless Steel / Galvanized steel		