

# 80-160 kW 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,  $\leq 65$  dB
- 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	400 VAC $\pm 10\%$		480 VAC $\pm 10\%$
	Current	180 A / 250 A / 320 A		117 A / 174 A / 231 A
	Frequency	50/60 Hz $\pm 10\%$		
	AC Wiring	3P + N + PE		
Output	Voltage	200 VDC to 1000 VDC		
	Max Current	200 A / 200 A / 200 A, 500 A (Optional)		
	Power	80 kW	120 kW	160 kW
	One Outlet	CCS2		CCS1
	Two Outlets	CCS2 + CHAdeMO or GB/T		CCS1 + CHAdeMO or GB/T
Screen & Communication	Three Outlets	CCS2 + CHAdeMO or GB/T+ Type-2 (22 kW) socket(optional)		CCS1 + CHAdeMO or GB/T+ Type-1 (22 kW) socket(optional)
	HDMI	15" high brightness full color touchscreen display		
	Network	Ethernet, Wi-Fi, SIM (4G)		
Protection	Protocol	OCPP 1.6J, OCPP 2.0J ready		
	Electrical	Protection against short circuit, overvoltage, undervoltage, over temperature, integrated surge protection, lightning, detection of grounding, insulation, phase deficiency, RCD: AC outlet - 30mA AC + 6mA DC ; DC outlet-Type A		
	Hardware	Emergency stop button		
Certification & Standards	Rating	IP54, IK10 (screen IK08)		
	Certifications	CE, UKCA, RoHS		UL, ENERGY STAR
Authentication	Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, RoHS		UL 2202, UL 2231-1, UL 2231-2
	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)		
General Design	Offline	1. White listed RFID card; 2. Password		
	Dimensions (WxDxH)	850x600x1880 mm		
	Package Dimensions (WxDxH)	1270x820x2066 mm		
	Net Weight	320 kg	330 kg	340 kg
	Gross Weight	325 kg	335 kg	345 kg
	Cable	Standard 5 m; Optional 7 m; Cable management system optional		
	Standby Power	< 80 W		
	Storage Temp	-40 °C to 70 °C		
	Operation Temp	-30 °C to 55 °C		
	Humidity	5% to 95%		
	Altitude	$\leq 2000$ m		
Noise	$\leq 65$ dB			
Material	Stainless Steel / Galvanized steel			