

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, ≤ 60 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 ± 10%	480 VAC ± 10%
	Current	180 A / 250A / 320 A	117 A / 174 A / 231 A
	Frequency	50 / 60 Hz ± 10%	
	AC Wiring	3P + N + PE	
Output	Voltage	200 VDC ~ 1000 VDC	
	Max Current	200 A / 200 A / 200 A, 500 A(Optional)	
	Power	80 kW, 120 kW, 160 kW (320 kW: two units of 160 kW in parallel mode with 500 A liquid cooling cable, extra accessory needed)	
	One Outlet	CCS 2	CCS 1
	Two Outlets	CCS 2 + CHAdeMO or GBT	CCS 1 + CHAdeMO or GBT
	Three Outlets	CCS 2 + CHAdeMO or GBT+ Type-2 (22 kW) socket(optional)	CCS 1 + CHAdeMO or GBT+ Type-1 (22 kW) socket(optional)
Screen & Communication	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	Certification	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*H*D)(mm)	850 x (1880/2100) x 600	
	Weight	<450 kg	
	Cable	Standard 5m; Optional 7m; Cable management system optional	
	Standby Power	<80 W	
	Storage Temp.	-40 °C - 80 °C	
	Operation Temp.	-30 °C - 55 °C	
	Humidity	5% - 95%	
	Altitude	≤ 2000 m	
	Noise	≤ 60 dB	
	Material	Stainless Steel	