DC FAST CHARGERS
160 kW / 240 kW / 320 kW

NOAHENERGY

FRONT

SIDE

Smart, Scalable, and Future-proof DC Charging

Noah Energy DC Fast Chargers deliver high power charging, rugged reliability, and a driver friendly design. Versatile charging engineered for a wide range of applications from fleets and corridors to retail, commercial, and community charging. The DC fast charger family offers flexible configurations from 160 kW to 320 kW, with modular power that scales to your needs.

Use Cases

Highway corridors & NEVI-funded sites

Fuel & convenience retail locations

Municipal, campus, and workplace charging

Automotive dealerships & service centers

Fleet depots & logistics hubs

Benefits

Seamless Driver Experience. Simple, reliable charging with intuitive controls and smart cable management for safety and convenience.

Scalable Investment. Modular power architecture supports site growth without costly utility upgrades.

Reliable Operation. Rugged design, certified safety and remote monitoring ensure consistent uptime.

Revenue Generation. Attract more EV drivers and offset operating costs with premium fast charging.

Smart Energy Management. Enabled for demand management, TOU savings, renewable integration.

Features

⚡ FLEXIBLE POWER OPTIONS
- 160 kW, 240 kW, and 320 kW DC fast charging outputs

⚡ FUTURE-PROOF STANDARDS
- CCS1, NACS (optional), OCPP 1.6J compliant, OTA upgradeable to 2.0.1

⚡ SMART CONNECTIVITY
- Ethernet, 4G LTE, Wi-Fi; remote monitoring, diagnostics, and OTA updates

⚡ EASE OF OPERATION
- Glare-resistant display, RFID / app authentication, NFC POS options

⚡ SERVICEABILITY
- Modular power modules and quick-connect design allow single-technician service

⚡ CUSTOMIZABLE DESIGN
- White-label branding with wraps, decals, or co-branding options

Technical Specifications

DC Chargers 160 kW - 320 kW

SPECIFICATION	DETAILS
CHARGING TYPE	DC Fast Charging
POWER OUTPUT	160 kW / 240 kW / 320 kW (configurable)
DC OUTPUT VOLTAGE	150-1000 VDC
DC OUTPUT CURRENT	Up to 600 A with boost mode and liquid-cooled cables
EFFICIENCY	≥ 96.5%
CONNECTOR TYPES	CCS1, NACS optional
NETWORK & COMMUNICATION	OCPP 1.6J; OTA upgradeable to 2.0.1; Wi-Fi, Ethernet, 4G LTE; ISO 15118
LOAD MANAGEMENT	Dynamic power sharing; site energy optimization
PROTECTION SYSTEMS	Over-voltage, under-voltage, over-current
CERTIFICATIONS	UL, NEC Article 625, CSA, FCC
USER INTERFACE	RFID, App, NFC; LED indicators; outdoor glare-resistant display
ENCLOSURE RATING	NEMA 3R, designed to IP54, IK10; IK08 for HMI screen
OPERATING TEMPERATURE	−30 °C to +50 °C
MOUNTING OPTIONS	Ground mounting
WARRANTY	Standard 3 years