NEWRIVER CHARGERS

SERIES 6
EV Charging Station

The Smart EV Charging Station Built
for Commercial Applications

Simplified Management You'll Be Amped About

The Series 6 smart EV charging station was designed with one goal in mind: To enable successful, robust EV charging programs in commercial settings such as multifamily, workplace, hotel, retail, government, and healthcare facilities.

Its compact form factor, ease of installation, and smart network capabilities make it the clear choice for any commercial application.

Features

At New River Chargers, we provide a comprehensive turnkey solution for all our customers to ensure that your electric vehicle charging station program is implemented and running smoothly.

- **4G LTE Wireless Technology** — The Series 6 communicates with the cloud via built-in 4G LTE signal
- **Rugged Aluminum Enclosure** — Prevents damage from nature and natural elements
- **Interactive LED Lights** — Quickly locate stations and understand their status with a bright LED light
- **Built-In Electricity Metering** — Manage electricity cost with an intuitive, smart network connection
- **Universal J1772™ Plug** — Charge all electric or plug-in hybrid electric vehicles. (Tesla vehicles require Tesla-provided adapter)
- **Convenient Access Panel** — Panel makes installation and connectivity a breeze
- **Flexible Access Control & Pricing** — Whether open to the public or completely private, station owners can easily manage driver groups

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EV Charging Station Technical Specifications

At New River Chargers, we're committed to making the sophisticated simple and the revolutionary reachable.

New River Chargers premium charging stations make the electric vehicle revolution accessible to everyone with turnkey operations and intuitive management you'll be amped about.

From installation onward, we make EV charging easy for commercial, fleet, and residential. Work with one team for hardware, software, cloud solutions, and partnership to power everything that comes next.

ELECTRICAL

AC Power Output, Maximum (Per Port)	Level II: 7.2 kW (240VAC@30A) or 6.24 kW (208VAC@30A)
AC Power Input (Per Port)	Level II: 30A; Line 1, Line 2, and GND (no neutral)
Input Connector	Hardwired
Vehicle to Charger Connection (per Port)	SAE J1772 EV Connector
Energy Metering Accuracy	+/- 1%
Standby Power (Per Port)	4.11 W Typical
Service Panel Breaker (Per Port)	Dual-pole common trip 40A breaker, dedicated circuit
ENERGY STAR	Compliant
California Type Evaluation Program (CTEP) Compliance	California Code of Regulations (CCR) National Institute Standards and Technology (NIST) Handbook 44 Section 3.40

SAFETY

Safety, Ground Fault Circuit Interrupt	20mA CCID with auto retry (every 15 seconds)
Automatic Plug-Out Detection	Power terminated per SAE J1772 spec: SMS or email notification
Surge Protection	6kV @3,000A
Safety Compliance	UL 2231-1, 2231-2, UL 2594, and NEC Article 625
EMI Compliance	FCC Part 15 Class A

NETWORK

Data Communication	Cellular 4G LTE
Communication Protocol	OCPP Compliant
Firmware Management	Over-the-Air (OTA) update enabled

USER INTERACTION

LED Array	High visibility, multi-color visual status indication
Display	LCD Screen - 2 line, 16 characters per line
RFID Reader	ISO14443 Type A & B, MiFare, Felica; NFC, ISO15693

ENVIRONMENTAL

Enclosure	Aluminum, NEMA 3R outdoor rated
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-30 degree C to +50 degree C ambient

MECHANICAL

Dimensions	25" H x 6" W x 6" D
Approximate Weights	Device: 15.5 lbs., pedestal mount: 9 lbs., wall mount bracket: 9 lbs.
Installation	Indoor / Outdoor
Mounting Option	Integrated wall and pedestal mount
Cable Length	18 ft. standard, 25 ft. optional
Cable Organizer	Optional