EVOCHARGE®
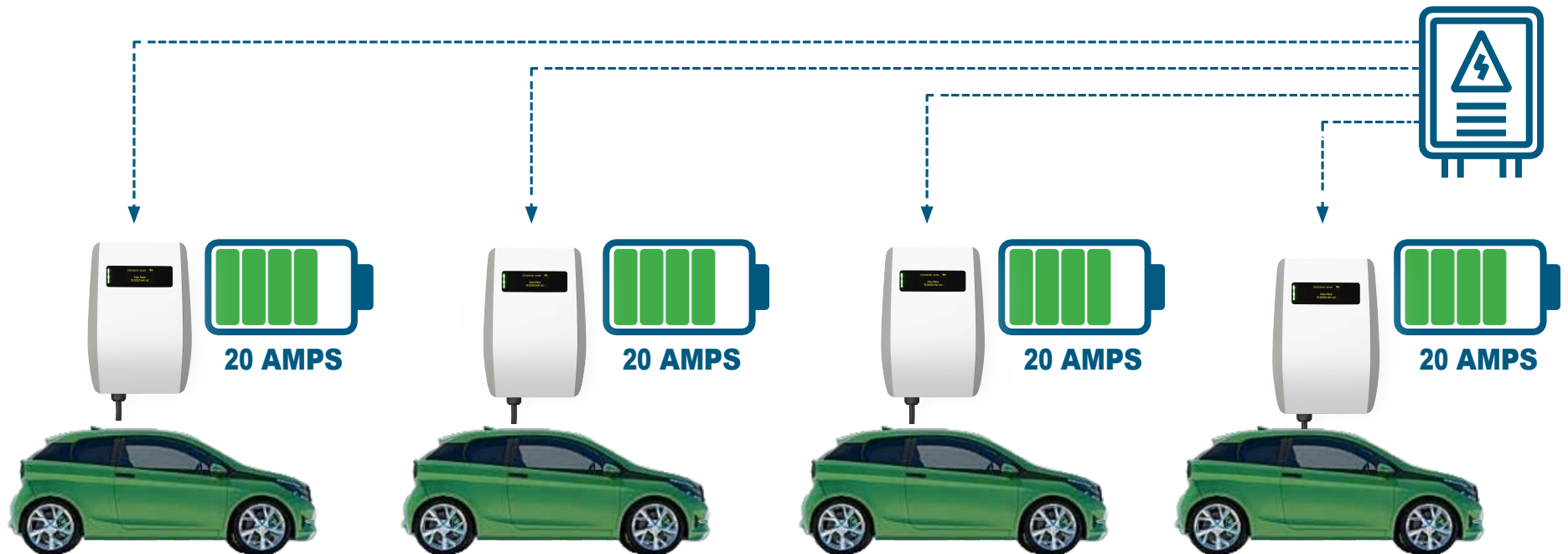
Network Load Management

Example: 100 Amp Main Panel (80 Amp Load Limit per NEC)

EvoCharge's advanced load management capability delivers main electrical panel/electrical circuit load balancing of up to 20 charging station units in a group, thus providing the opportunity to avoid costly electrical infrastructure upgrades—an excellent solution for Multi-Unit, Workplace, Commercial, and Fleet applications.

UNIFORM LOAD DISTRIBUTION

The output current of each device in use is reduced proportionally **so as** not to exceed the main panel/circuit allowance

20 AMPS   **20 AMPS**   **20 AMPS**   **20 AMPS**

Network Load Management (NLM) capability supported via the EvoCharge Network
Supported by EVC50, iEVSE, iEVSE Plus models only.
Network Load Management can be configured via the EvoCharge Network Site Owner Web Portal.

EVOCHARGE®
Network Load Management

Key Features:

- Ease of Use: Manage EV chargers using the EvoCharge Network Web Portal. Create load-sharing charger groups and set the maximum panel load to customize your site's load-sharing.

- Efficient Use of Existing Infrastructure: By managing the load, existing electrical infrastructure can support more EV chargers without needing expensive upgrades, maximizing available power capacity.

- Scalability: Network load management enables the addition of more EVSEs without proportionally increasing the power capacity, allowing for scalable growth of EV charging networks.

- Dynamic Load Sharing: This feature ensures that all connected vehicles receive an appropriate charge, even when multiple vehicles are plugged in simultaneously, improving users' charging experience.