

# Increase revenue potential from your EV fast charge Infrastructure while managing utility power costs

Meeting the rising demand for electric vehicle charging requires adding fast charging infrastructure in many new locations. However, adding a DC fast charging load can significantly increase electric costs for site owners—as well as require major electrical upgrades. The EnerSys Express® EV Fast Charge Station solves this problem by employing EnerSys® own battery energy storage to reduce electricity demand from the grid, thereby reducing utility costs while fast charging up to four EV's at 150 kW each.

## EXPRESS ECOSYSTEM FEATURES

### Lower cost for EV fast charging through Demand Charge Reduction (Peak Shaving)

Express® fast chargers use stored battery energy to dampen spikes in electricity demand during EV Charging. This can reduce demand charges on the site owner's electric bill.

### Additional Express® Revenue Opportunities

In addition to vehicle charging revenue, EnerSys® can integrate kiosk-based digital advertising and telecom cell site hosting. There is also the ability (where available) to add "Grid Services" using excess stored battery energy, expanding the revenue potential and accelerating return on investment.

### Cloud management and control

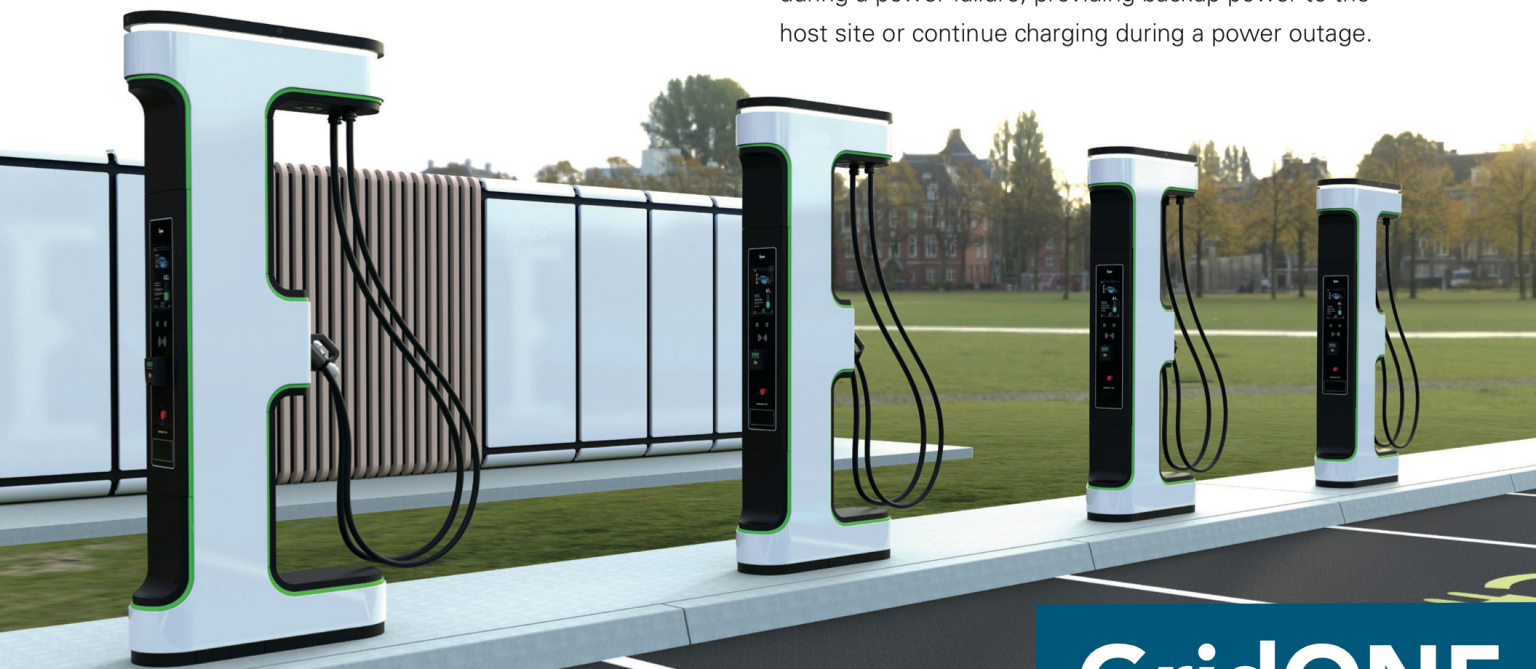
In real-time the Express® fast charging station optimizes all energy management decisions. This includes the charging of the battery when rates are lower, directing excess stored energy to the site load, or back to the grid (where available), all while maintaining optimal EV charging performance.

### Smart Charging Management

Available battery energy is monitored and controlled. If battery energy is limited, charger power output is dynamically adjusted to manage utility demand charges.

### Optional Solar Power and Microgrid Configuration

On-site solar power generation can be integrated with the battery to further reduce electricity costs. The Express® fast charging station can also be islanded during a power failure, providing backup power to the host site or continue charging during a power outage.



All product information is subject to revisions without prior notice.

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