



GenZ™  
The future is now

GenZ™  
EV SOLUTIONS

Powering the  
EV Revolution.



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The future is now

In 2022, we launched GenZ EV Solutions as the sister company to GenZ Automotive, anticipating the imminent shift to an electric future. Strategically positioned, both entities collaborate to offer turn-key solutions for dealers navigating the challenges of transitioning to EVs. From charging infrastructure consulting to unique EV-specific F&I product offerings, our goal is to empower dealers to build for the future, simply by offering superior F&I products. With GenZ's F&I credits, dealers can offset EV Infrastructure expenses.

The Future is Now, Let's Keep You Moving.

**Empowering Our Dealer Partners To Make The Right Charging Decisions With The Option To Offset Their CapEx Costs Through F&I 'Credits'.**

# Our EV Solutions

With chargers that range from 10 - 640kW, we have the EV infrastructure for any project size and location. By combining the world's best technologies with operational expertise, GenZ EV is the partner of choice to build and manage the EV charging infrastructure of tomorrow.



## OEMs & Automotive Dealerships

Strategically positioned on both sides of the equation, GenZ Automotive and GenZ EV Solutions work hand-in-hand to provide true turn-key solutions. This enables our dealer partners to earn 'credits' on F&I products they already sell, to offset the EV charging infrastructure expense they need.



# Complete Turnkey Solutions

- Strategic industry partnerships:
  - Red-e Charging
  - Income Power
  - Uptime Charger
- Providing custom solutions to meet the dealers needs and requirements:
  - Battery-Buffered Solutions
  - Off Grid Solutions
    - Solar
    - Hydrogen / LNG
  - Traditional DCFCs and High-End Level 2 AC's
  - Best-In-Class software

GenZ is hardware agnostic to provide the right solution for the customers needs

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AUTEL®

Uptime  
Charger

adstec  
Energy



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We handle all aspects of your project from installation, permitting, and site plans to ongoing marketing, maintenance, and driver support. We built our network from the ground up to make the EV charging experience as fast, easy, and reliable as filling gas. With remote diagnostics and a simplified payment system, drivers simply plug in, pay, and be on their way.

As one of the nation's largest DC Fast Charging distributors, we have access to an extensive range of qualified DC Fast Charger suppliers at market-leading prices. You don't have to wait 18 months for 400+kW to be added to your dealership utilizing our battery buffered solution. DCFC integration at your dealership brings a cascade of positive impacts. The rapid reassignment of service loaners to consumers within two hours optimizes resource utilization. Quick service, including a full charge for returning customer vehicles, enhances customer satisfaction and paints the dealership as customer-centric. For new vehicle deliveries, DCFC ensures swift and convenient processes, minimizing wait times. The inclusion of our L2 chargers guarantees that service loaners, new inventory, and overnight service vehicles are fully charged before the dealership opens, maximizing efficiency and showcasing a commitment to sustainability. In essence, DCFC not only improves customer experiences but also streamlines operations and underscores the dealership's tech-forward and eco-conscious approach.

We are the only electric vehicle charging network built specifically around converting traditional gas-fueled drivers to electric vehicles



SUNLIGHT READABLE    CCS TYPE1    RFID FUNCTION    10 INCH TOUCHSCREEN    SUPER SILENT

*NACS adaptor available upon request*

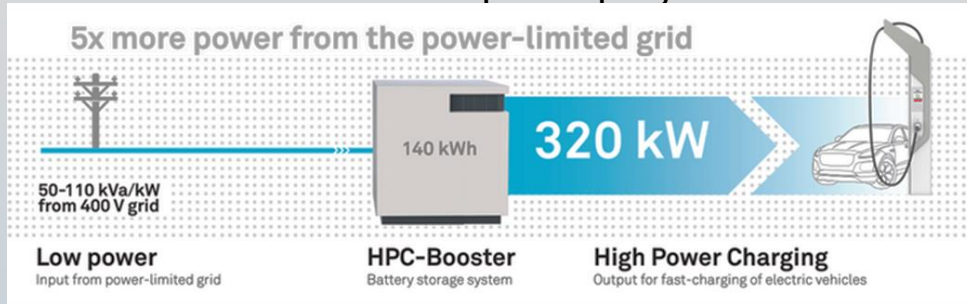
**GenZ | RED E**



# Best-in-class Turnkey Solution



With the HPC fast charging solution from ADS-TEC, electric vehicles can now be charged with up to 220 kilowatts of power above the existing distribution grid (e.g. 320kW on a 100kW grid.) Battery storage-based HPC fast charging solutions from ADS-TEC are used wherever there is a power-limited grid, where there is limited space or where visual or noise-related aspects play a role.



Up to 320kW DC Fast Charging on the existing grid



**Designed Down To The Smallest Detail**

Flexible installation at a distance of up to 109 yd from the HPC-Booster, minimal space requirements, and connection to leading back-end systems via OCPP1.6J are just some of the advantages of the quick charging station.



**Fast Charging Without Compromise**

ADS-TEC's HPC fast charging solution draws its high electrical power from the specially developed battery storage system – the HPC-Booster. The system is plugged into the ordinary grid power, where it initially charges slowly and at low power, just like a power bank. The stored energy is then delivered to electric vehicles on demand, ultra-fast and up to 320 kilowatts.



**Only 15% Of The Space Required**

With an installation area of only 17.2 sq ft, the HPC-Booster requires just 15% of the space of comparable fast charging systems with a connected medium-voltage system.



**Future Ready High-voltage Technology**

The system is compatible with voltage ranges from 150 - 920V and is therefore also suitable for future electric vehicles.

# Chargebox DCFC Battery Storage Technology

### Example 1

110 kW Grid



SAVE TIME!

66% time reduction with GenZ

	GenZ	Competitor
Demand	270	270
Charge Time (mins)	20	60
Total Available Energy (kW)	320	110
Grid Draw (kW)	110	110
Battery Use+Replenishment (kW)	160	-
<b>Energy Delivered (kW)</b>	<b>270</b>	<b>270</b>
Peak Demand Surcharges	-	-
Site Upgrades (\$)	-	-
<b>Energy Cost per Occurrence</b>	<b>\$140.40</b>	<b>\$140.40</b>

Battery-buffered charging can deliver over 200kW of additional charging power with standard grid connections between 50-110kW, reducing charging times by up to 66%

### Example 2

110kW Grid w/ Site Upgrades



Reduce Installation Costs and Time

Site upgrades in excess of \$100k required + 12-18 month lead time for competitor

	GenZ	Competitor
Demand	270	270
Charge Time (mins)	20	20
Total Available Energy (kW)	320	320
Grid Draw (kW)	110	320
Battery Use+Replenishment (kW)	210	-
<b>Energy Delivered (kW)</b>	<b>320</b>	<b>320</b>
Peak Demand Surcharges	-	-
Site Upgrades (\$)	0.00	100,000
<b>Energy Cost per Occurrence</b>	<b>\$166.40</b>	<b>\$166.40</b>

Battery-buffered solutions can eliminate the need for costly site upgrades and reduce installation costs by 10's of \$1000's by eliminating the need for transformer, and other upgrades required for traditional ultra-fast chargers.

### Example 3

50kW Grid w/Demand Charges (Fixed Time)



Reduce Utility Demand Charges

~\$42k in peak demand charges annually

	GenZ	Competitor
Demand	270	270
Charge Time (mins)	20	20
Total Available Energy (kW)	270	270
Grid Draw (kW)	50	270
Battery Use+Replenishment (kW)	220	-
<b>Energy Delivered (kW)</b>	<b>270</b>	<b>270</b>
Peak Demand Surcharges	-	30%
Site Upgrades (\$)	-	-
<b>Energy Cost per Occurrence</b>	<b>\$46.80</b>	<b>\$60.84</b>

Being able to deliver upto 270kW of charging power with only a 50kW grid connection, can reduce demand charges. Depending on number of sessions, this can save dealers over \$40,000 annually.

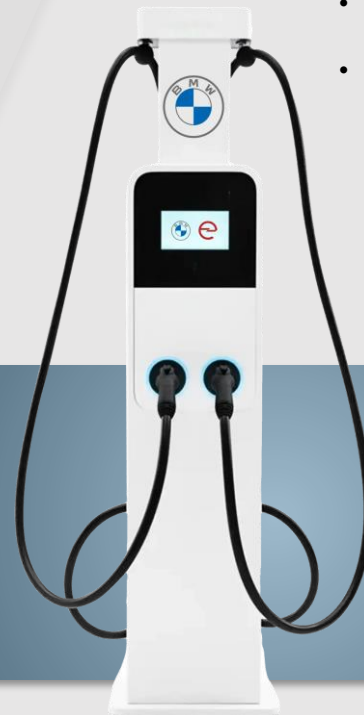


## Traditional DCFC

- Autel: 60kW-240kW upgradable in 20kW increments (up to 240kW) full kW to single vehicle or dynamically split
- Dual CCS ports w/Ad Screen, 27" touch screen (55" screen available) with easy-to-use advertising upload system
- Sleek user-friendly design Integrated cable management
- All in one system reduces installation costs by ~30%
- Modular architecture makes service fast and easy
- Single service door allows for greater flexibility in charger placement

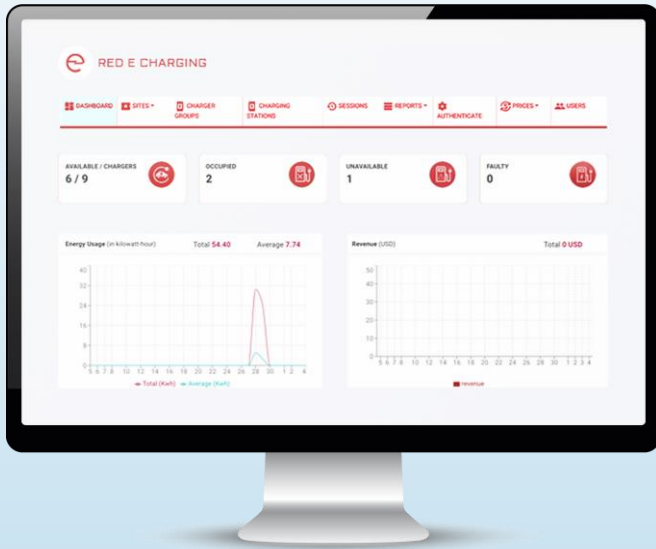
## Level 2 AC Chargers

- Charger Model: Autel 80A L2 charger
- Configuration: Wall mount or pedestal single or dual mount, simultaneously charge 2 vehicles with 1 Pedestal dual mount
- Features: Slim sleek profile, custom branded faceplates, easy to user interface
- Output: 19.2 kW to each car plugged in
- Avg. Charge Time: 1-3 hours
- Typical use case: Workplace, fleets, etc
- Payment: Drivers can pay directly via QR code or app (App not required to charge)



# Chargers





Best-in-class software designed specifically for ease of use for the driver as well as straightforward backend charger management for the site owners

- Built to be Easy
  - Our platform was built from the ground up to reduce server interactions which is the leading cause of charger downtime
- Flexible Payment
  - Pay via card reader, app, or web portal (no app required)
- Remote Diagnostics
  - Read codes, perform resets, push charges. 95% of all issues can be resolved over the air
- Custom Reporting
  - Create reports selecting certain sites, owners, and data outputs
- Multi Site Management
  - Easily track, manage, and set pricing for multiple site groups
- Utility Approved
  - Approved for rebate programs nationwide

## Software Overview

# Future Proofing Your Dealership's EV Charging

- Customizable solution regardless of dealership size:
  - 10kW up to 640kW charging solutions
  - Traditional DCFC and Energy Storage / Battery Buffered solutions
  - Solar and LP/Natural gas solutions
  - Single point rooftop software to full enterprise software solutions
- Size and scope: GenZ will consult with the dealership and develop a charging infrastructure recommendation based on multiple criteria such as:
  - Overall store volume and site location
  - EV sales volume, EV servicing needs, and OEM requirements/recommendations
- Based on the overall recommendation, the dealership can select the program that fits their vision:
  - Traditional DCFC vs Battery-buffered or energy storage options
  - Public vs non-public charging
  - Preferred options for Level 2 charging
- ChargeClub includes Keyfetch, GenZ's smart key loss prevention for free for first year!



# Smart Key Loss Prevention

- The Keyfetch Auto Protect Service Contract offers peace of mind and security. Today, keys and remotes offer a host of convenient and beneficial features.
- Unfortunately, this often means replacement can be expensive. In some cases, the cost of replacement may be as high as \$800.
- The Keyfetch Auto Protect Service Contract provides reimbursement for the replacement cost of lost or stolen keys and remotes.
- Each Service Contract includes a 'smart' keychain with proven loss recovery technology, making Keyfetch Auto the most innovative and best value solution on the market.



Keyfetch included on every EV sold during first year!



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