

Getting Ready for the Future

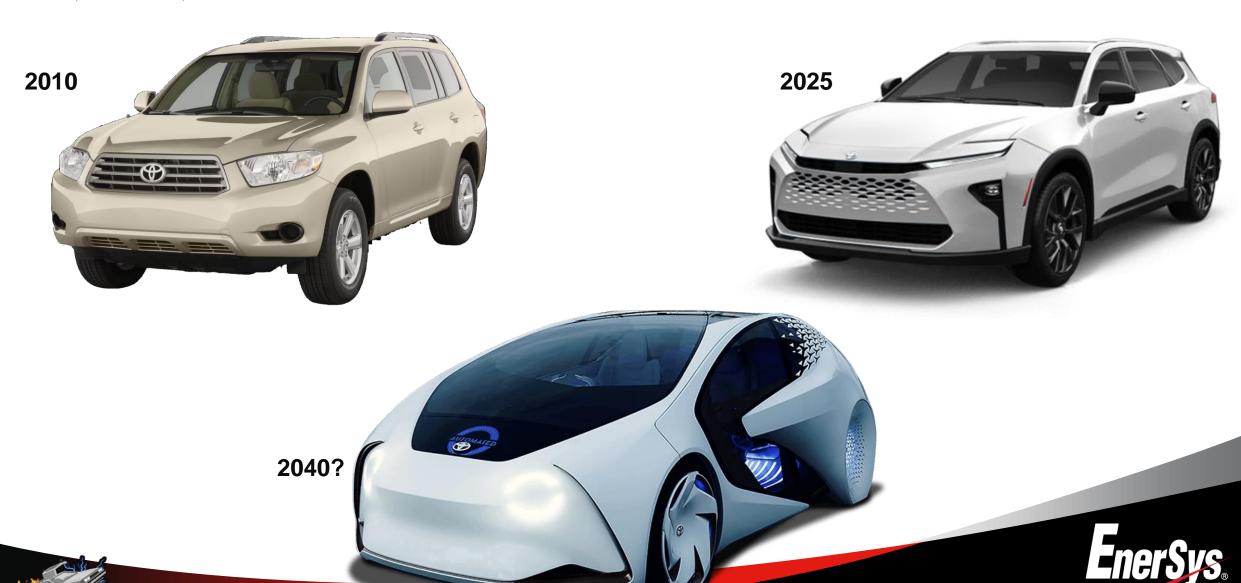
SPOILER ALERT: IT'S MOSTLY LEAD

Jeremy Cordray

Head of Global Specialty/Transportation Products

EnerSys

PAST, PRESENT, & FUTURE



Forward Collision Warning/Avoidance

PAST, PRESENT, & FUTURE

Reverse Brake Assist



ited Seats

Hands Free Driving

Cooled Seats

Towing Tech

Cross Traffic Alerts

Smartphone Connectivity & Charging

2025

Adaptive Cruise Control

Connected Mobile Apps/Digital Keys

Security Systems

Emergency Services/Tracking

Lane Departure Warnings



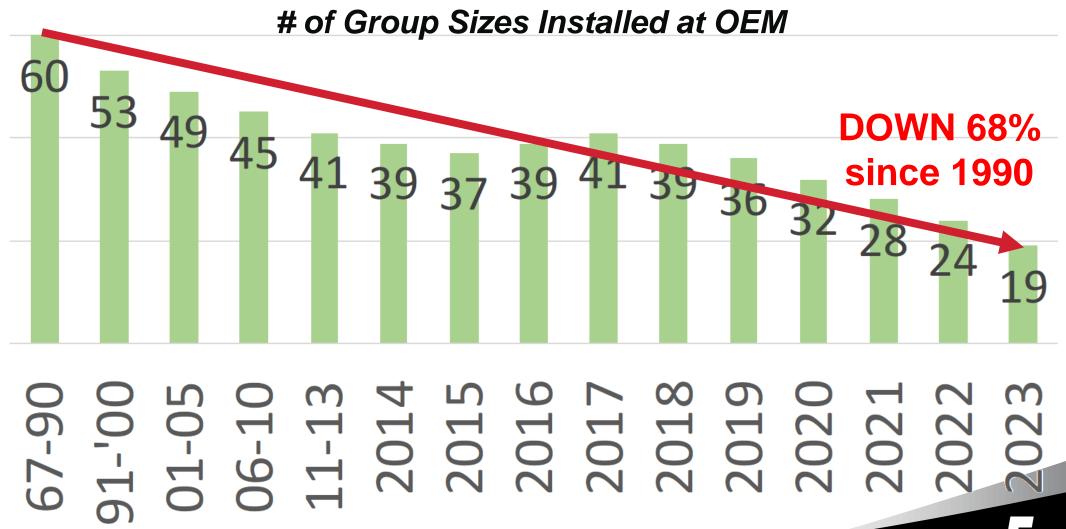
PAST, PRESENT, & FUTURE



2010 2025 2040

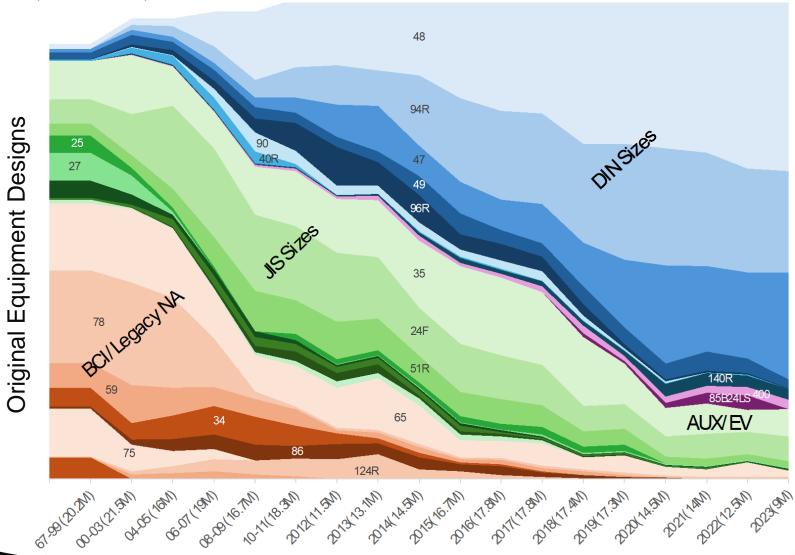


PAST, PRESENT, & FUTURE





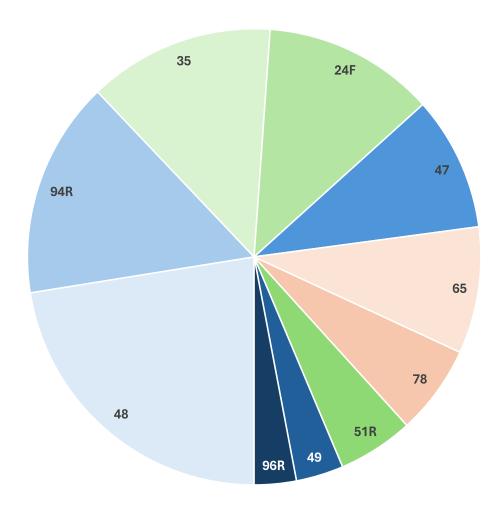
PAST, PRESENT, & FUTURE

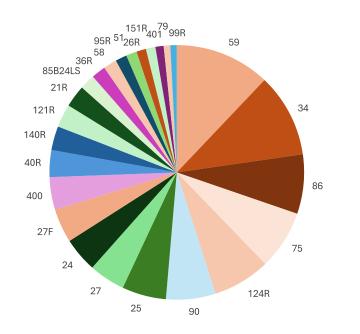




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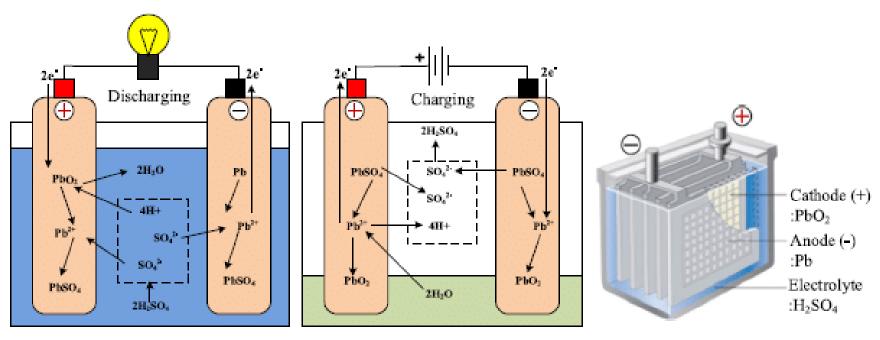


19% VIO = 25 SKUs

80% VIO = 10 SKUs



PAST, PRESENT, & FUTURE



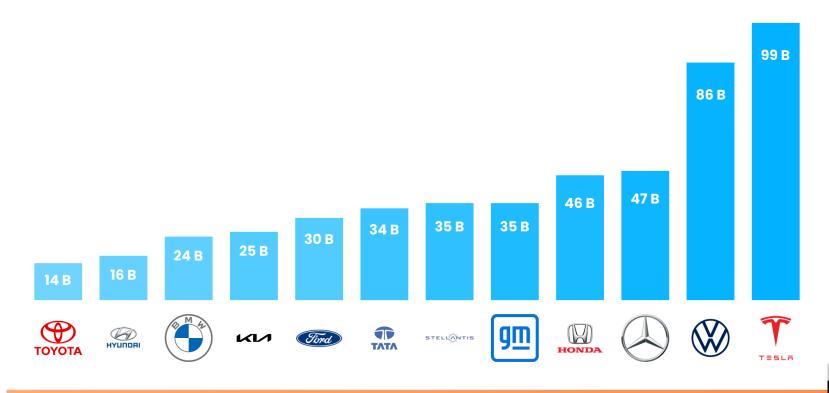


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PAST, PRESENT, & FUTURE

Automakers commitment to next generation vehicles by 2030 (\$B)

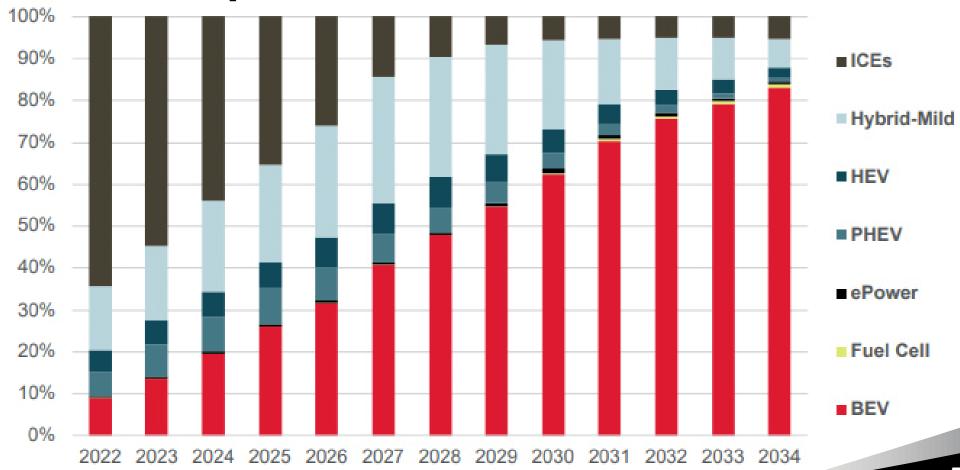






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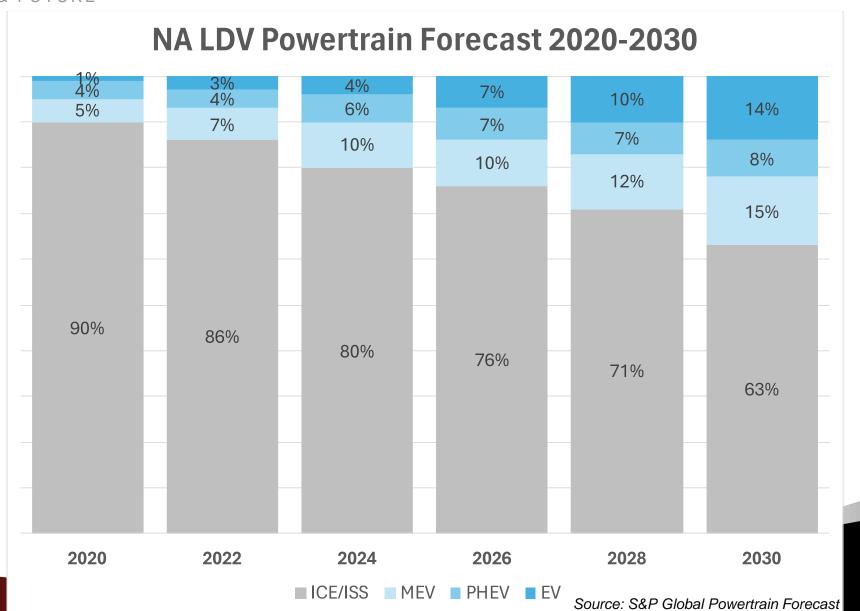




Source: S&P Global Powertrain Forecast



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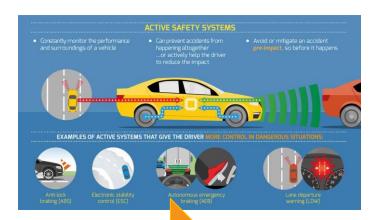




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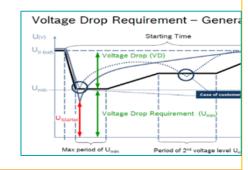






12V VOLTAGE STABILIZATION

Voltage Stabilization
Starting/Braking Steering



12V NETWORK POWER SUPPLY

MHEV, HEV, PHEV BEV

12V BACK UP POWER

Emergency steering and braking support Telematics





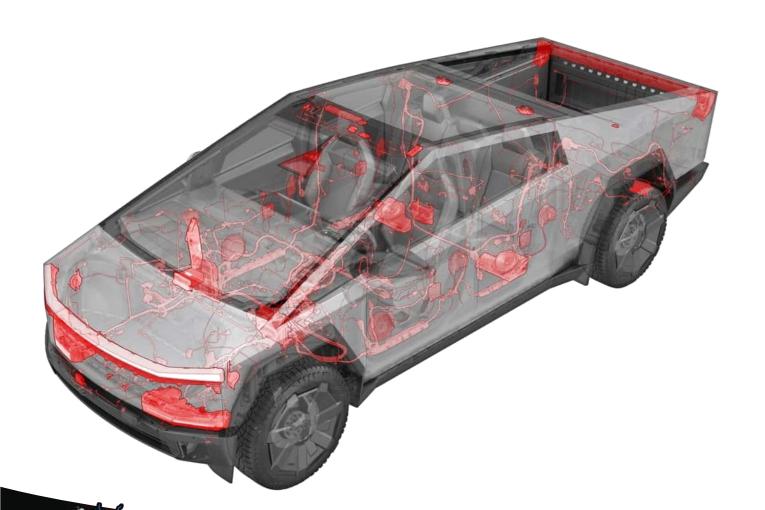








PAST, PRESENT, & FUTURE



Where we are going...

- Capacity Efficiency
- High Energy Density
- Safe & Reliable
- Physical Integration



PAST, PRESENT, & FUTURE

This means multiple electro chemistries

- Lead Acid
- Lithium
- Sodium Ion
- ???









PAST, PRESENT, & FUTURE

BABY BOOMERS:

people born between 1946 and 1964

GENERATION JONES

GEN X:

people born between 1965 and 1980

XENNIAL

MILLENNIALS:

people born between 1981 and 1996

ZILLENNIAL

people born between 1997 and 2012

GEN Z:

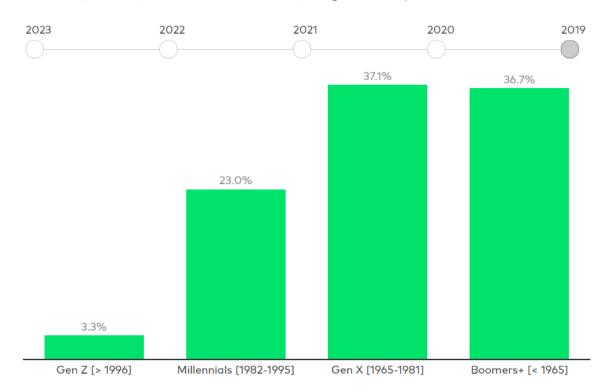


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Share of Total Sales by Age Generation

% of Sales | Total US | CPG & General Merchandise | Rolling 12 Months by Year

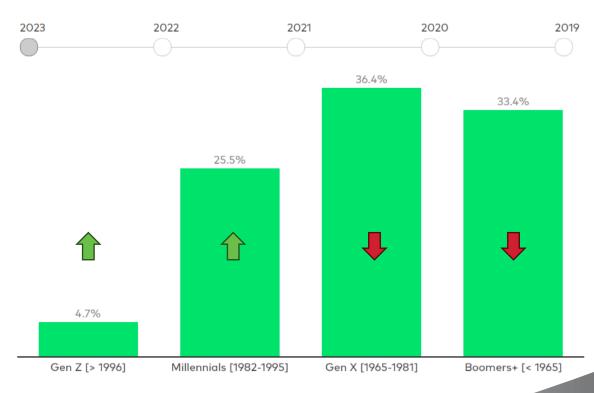


Sectors include: Baby, Grocery, Health & Beauty, Household, Pet, Electronics, Home & Garden, Office, Sports, Tools & Home Improvement & Toys.

Source: Numerator TruView

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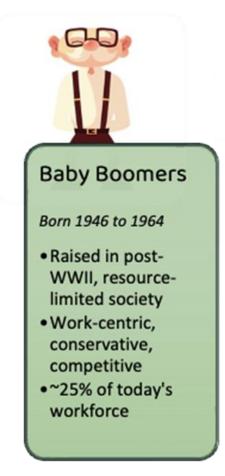


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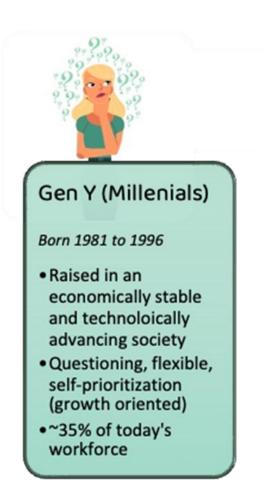




Boomers and Gen X still make up the largest consumer group in terms of US sales for CPG and general merchandise, holding 70% of share.



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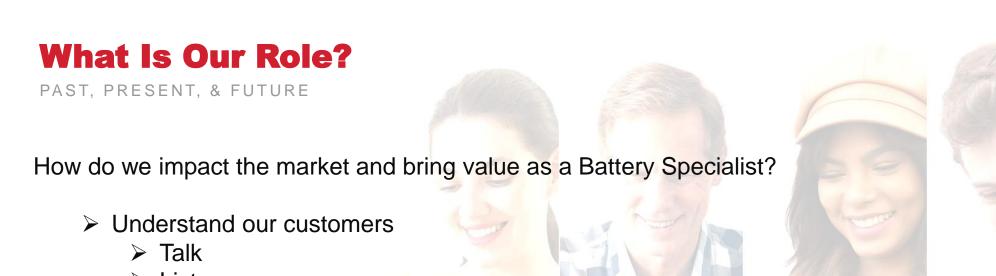


Born 1997 to 2010

- Raised in a digitalized, economically fluctuating society
- Communicative, open, diverse, collaborative
- •~5% of today's workforce

Adult Gen Z and Millennial households are becoming powerhouses for the consumer and retail industry as they now account for 30% of US sales.





- Listen
- Understand our assets
 - > Take Inventory
 - > Find Value
- > Be innovative in connecting our assets to our customers
 - Communicate
 - > Learn
 - Be Fearless
- > Focus on vision
 - Goals
 - > Impact



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Leadership is the capacity to translate vision into reality.

-Warren Bennis







THANK YOU!



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