

CORE PRODUCTS

**POWER.
STORED.
DELIVERED.**

Advanced EV Solutions

Battery supported Level 3 EV Charger solutions, EV Switchgear, Power/Load Management

Advanced Industrial Solutions

Large motor starting, generator hybridization, micro-grid excess cushion

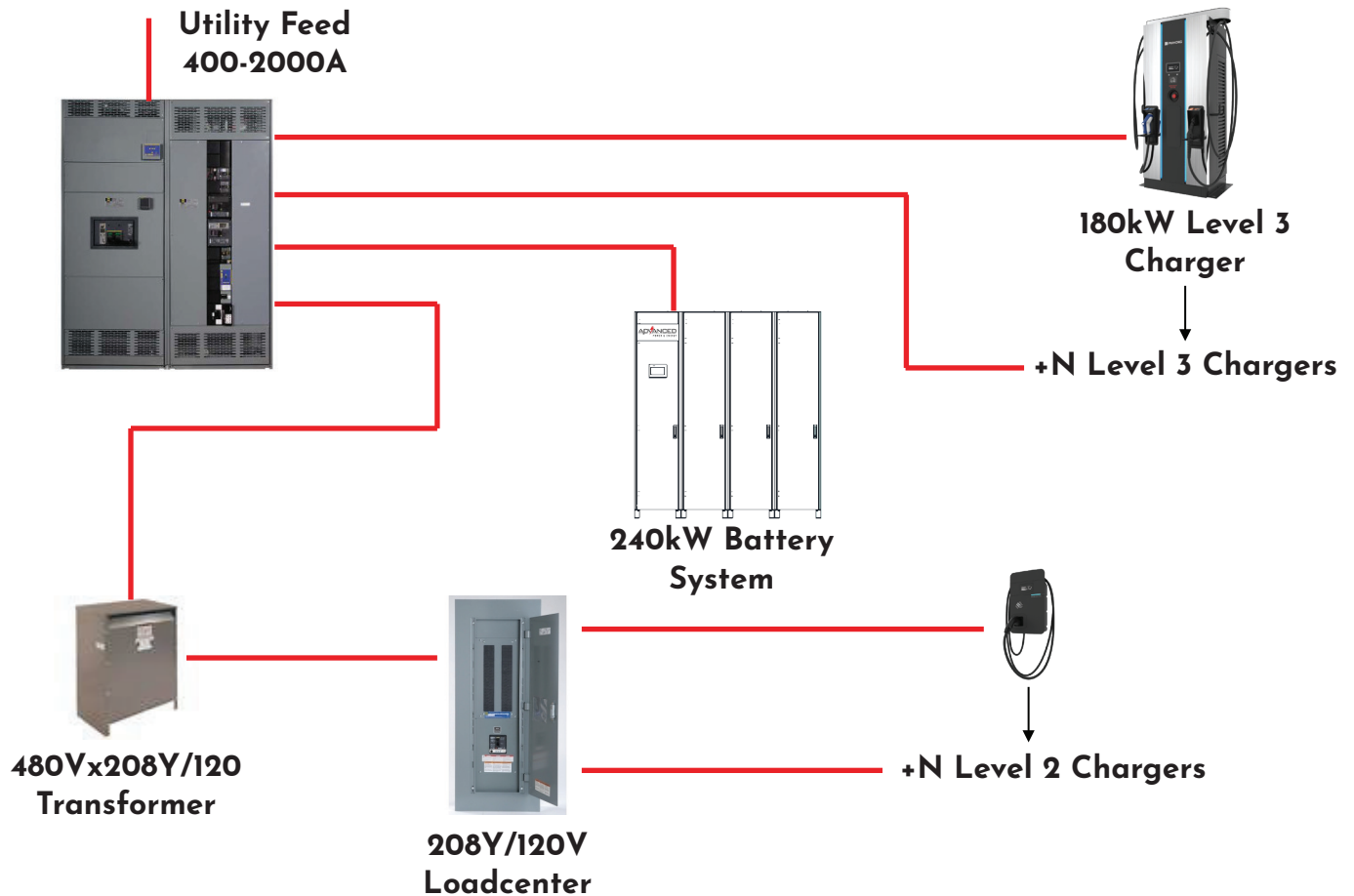
Advanced Advisor and Monitor Solutions

Virtual and remote equipment monitoring and diagnostics

System Consulting and Design



The Advanced PWRPACK EV Charging Solution



- ▶ Flexible, Scalable, EV Charging Power Distribution
- ▶ Supports today's and future EV Charging demand
- ▶ Integrated 480V Service Entrance, 480V Distribution and 208Y/120 Distribution
- ▶ Future battery grid support for un-planned power needs
- ▶ Built in EV Load Management

Power Versus Energy

Batteries have always been viewed and applied through the lens of energy . . . amp hours, kilowatt hours, etc. , not power. With the advent of commercialized nickel zinc battery chemistry, power challenges that were left unsolvable can now be approached with simple, cost effective battery solutions.

Advanced Power & Energy utilizes the volumetric power advantage of Nickel Zinc batteries and state of the art, bi-directional inverters offering safe, naturally friendly, scalable power solutions from 120kW to 4MW.

Our solution provides battery systems to supplement existing grid availability for Level 3 EV Charging installations, large motor starting and dynamic industrial process power needs.

Why Nickel-Zinc?



POWERFUL

Innovative nickel-zinc electrochemistry delivers immediate power in a compact, lightweight package.



SAFE

Non-flammable, non-hazardous, and no thermal runaway, nickel-zinc batteries are safe for people and the environment.



LOW COST OF OWNERSHIP

With minimal required maintenance and a long life expectancy, nickel-zinc technology supports a low total cost of ownership battery.



RELIABLE

Nickel-zinc batteries excel at high reliability battery operation and extended operating life.



SUSTAINABLE

With a small carbon footprint and full recyclability, our nickel-zinc battery chemistry offers sustainable power solutions.



LOW MAINTENANCE

Nickel-zinc batteries have reduced maintenance and are light weight, 50% of the weight of lead-acid batteries.

