

TECHNOLOGY

INTEGRATED POWER

ELEON Integrated Power: a complete energy solution tailored to the specific requirements of your product. The optimal assembly of ELEON’s proprietary chip-scale fuel cells is paired with the right storage device and fitted with custom tuned charge controls, promising reliable power for the life of your products.

ENERGY STORAGE & GENERATION DEVICES

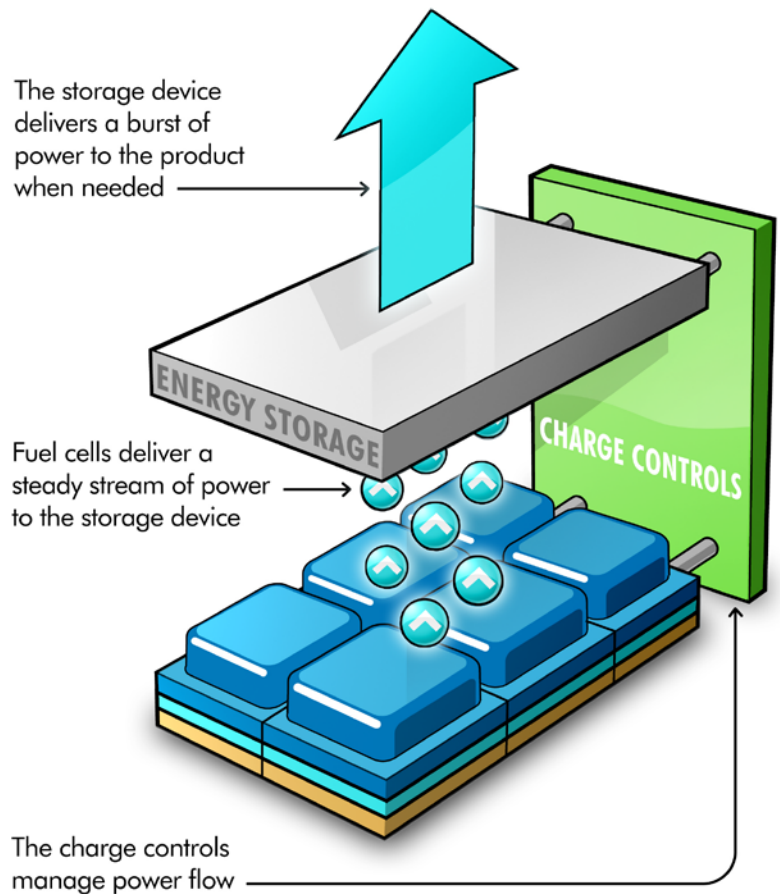
ELEON’s fuel-cells are paired with a rechargeable battery or capacitor, which provides the periodic burst of power that your product needs to work. While the product ‘sleeps’, the ELEON fuel-cells work to recharge the energy storage device. Energy generation devices such as solar, piezo-electric, and thermoelectric can be integrated to meet even more demanding power requirements. ELEON is always working in the background – ‘trickle charging’ your device and significantly extending its operating life.

CHARGE CONTROLS

ELEON utilizes specially designed charge controls that act as the brain of the operation – distributing power efficiently and managing the unique power needs of your product.

A COMPLETE POWER SOLUTION

ELEON is more than just a unique fuel cell technology – it is a completely integrated power solution. Because ELEON power supplies are customized for your products, dramatically longer operating lifetimes are usually possible. In many applications, your customers may never have to change batteries again.



ABOUT ELEON™

ELEON builds energy system solutions to cost-effectively provide *Power for the Life of your Product*. Much smaller than micro-fuel cells, our power supplies are combined with storage, generation, and charge control devices to meet specific power requirements for wireless network, consumer, and life safety products.