

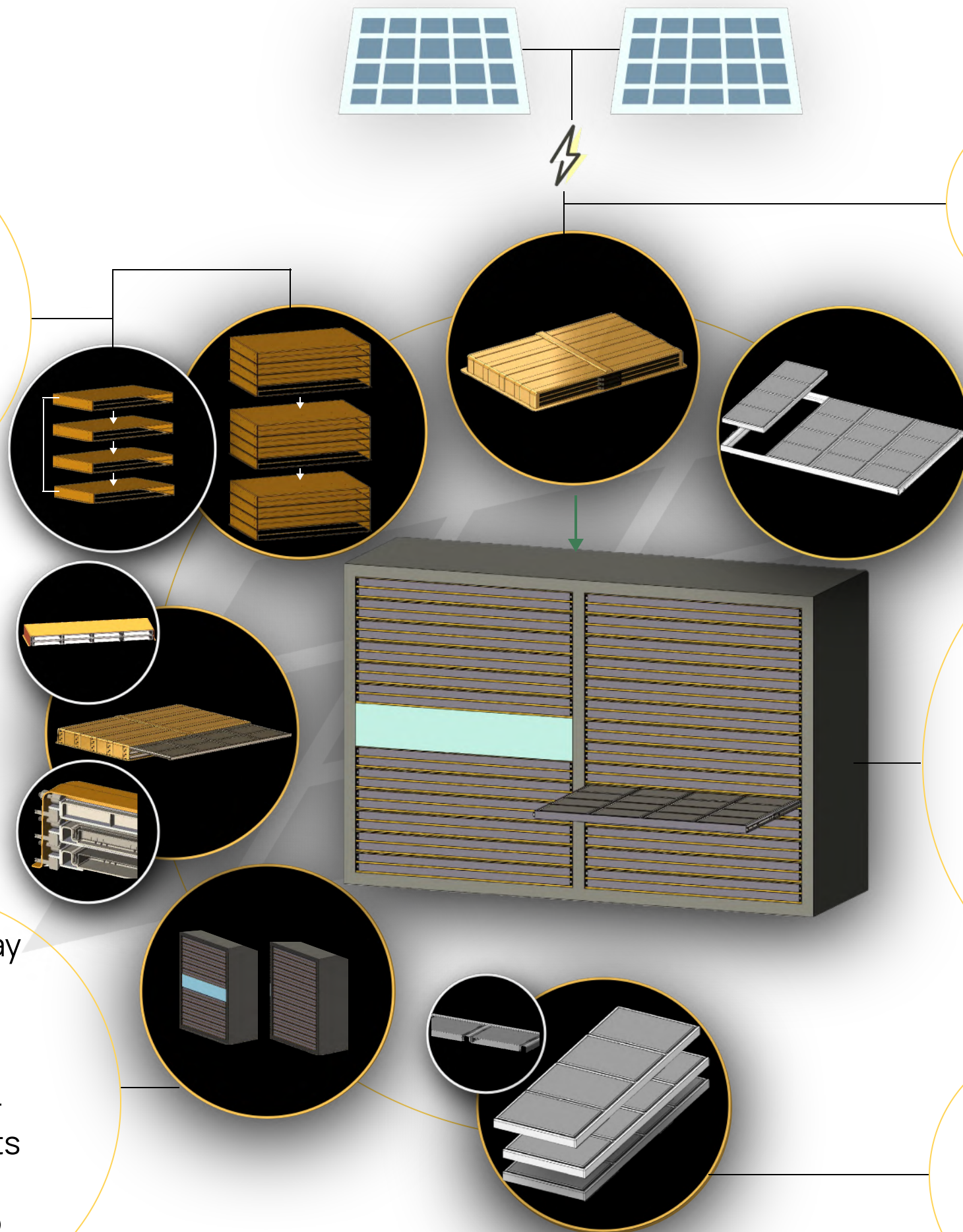
Solar+Energy Storage

ALL-MODULAR FOR SYSTEM RESILIENCE

Stackable battery packs for sizing on-demand; providers can dispatch energy storage components and modules to assemble systems onsite incrementally.

Modular stack system allows for individual modules and parts to be upgraded without replacing the battery pack or storage cabinet.

Modular storage cabinets. The battery tray and cabinet is a rechargeable and hot-swappable structure. By rechargeable structure, it is meant that the chemical potential energy can be renewed. By hot-swappable, it is meant that the components of the battery pack and cabinet can be replaced as electric energy is flowing into and out of the battery pack and cabinet.



Solar energy storage
Utility grid support
Commercial and Industrial (C&I) facilities
Residential energy storage

Battery tray is isolated. Electric energy does not flow between any two individual battery trays selected from the battery packs.

The electric charging system for the energy storage system comprises a plurality of battery banks, a regenerative circuit, and a control circuit.

The regenerative circuit is a circuit that converts the captured renewable solar energy into electricity used to recharge the plurality of battery banks.

The control circuit regulates and controls the operation of the electric charging system for the energy storage system.

Battery cell is self-contained in a battery cell storage drawer.

Collection of individual battery modules with a stack of individual battery cells
Multiple battery modules to increase performance and reliability