

SSi Energy Cube

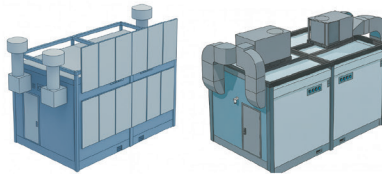


Envelope



Wall studs, set back from the exterior, along with insulated louvers and cable ports are all tied together with a spray foam insulated floor, walls and ceiling. This ensures a tight seal and eliminates thermal bridging.

Structures



Each unit is custom designed and built to handle the toughest Arctic winters or the hottest North American summers!

Energy Systems



Reliable energy, from kW to MW, with optional Solar PV, Battery Energy Storage and internal or external generator.

Heating & Cooling



Multiple temperature sensors, coordinated by the site PLC, ensure effective passive cooling until active cooling (or heating) is necessary at which point it engages the heat pump.

Security & Autonomy



Physical access control (keypad, keyfob, bluetooth & RFID locks) with IP67 Indoor/Outdoor Cameras a weather station and Starlink provide remote autonomy and site security. Optional LORA gateway for long range sensing and GPS tracking of equipment.

Fire Safety



Our solution utilizes best in class Greenex Aerosol for fire protection from all classes of fire. By adding the Honeywell Li-ION Tamer we can also detect (and alert) on battery failures before they become a problem.