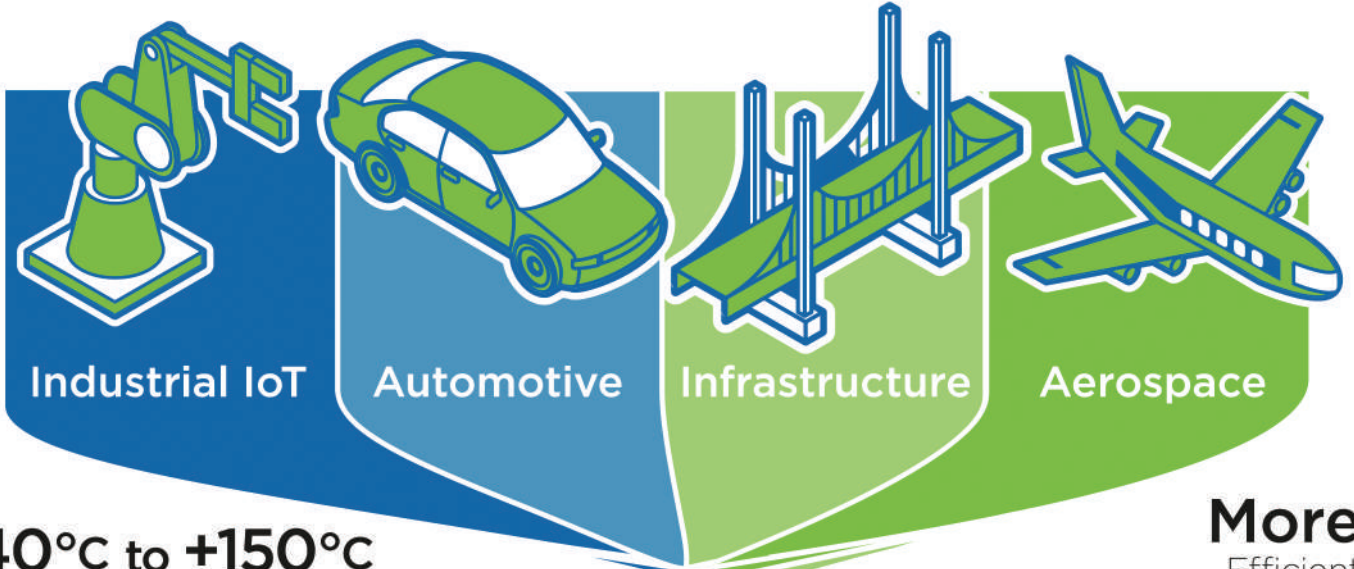


Stereax[®] P180

Extended Temperature Range Solid State Battery

1st Solid State Battery Technology Designed for Hostile Environments



-40°C to +150°C

Extended Operating Temperature

More
Efficient
Productive
Reliable

Market Needs

- Low temperature environment
- Fit and forget - minimal maintenance
- Stable power sources


- Easy to fit beacons
- Wide temperature range
- Minimise cost of ownership

- Autonomous - increased range of sensing
- Minimal wiring to decrease weight
- Constant monitoring

- Small, unobtrusive beacons
- High temperature environments
- Retro fitting existing equipment

Stereax Benefits


Up to 10 years' life


Support down to -40°C


Non-flammable


Thin <1mm


-40°C up to +150°C


Minimal maintenance


Each sensor can be powered locally


Co-locate with MCU


Long lifespan - low discharge rates


Small size


Supports up to +150°C


Combined energy harvester - self-sustaining

>50 Billion objects connected by 2025

Iluka licenses the Stereax technology based on patented materials and know-how to systems and components OEMS and manufacturers