Laser Industry Contribution Award



Application of laser welding technology to in-vehicle secondary batteries.



Primearth EV Energy Co.,Ltd.



fig. Cross-section phot of (General technology)

fig. Comparison of fatigue test results

fig. Cross-section phot (Developed technology)

A technology for welding highly reflective materials with laser beam that is a coaxial combination of a diode laser (high absorption rate) and a fiber laser (high light collection property).

Achieving both of high-quality and high-speed welding.

Longer fatigue life with a unique penetration shape and reduced residual stress.
Contribution to the realization of the SDGs society by providing safe & secure lithium batteries at low cost.