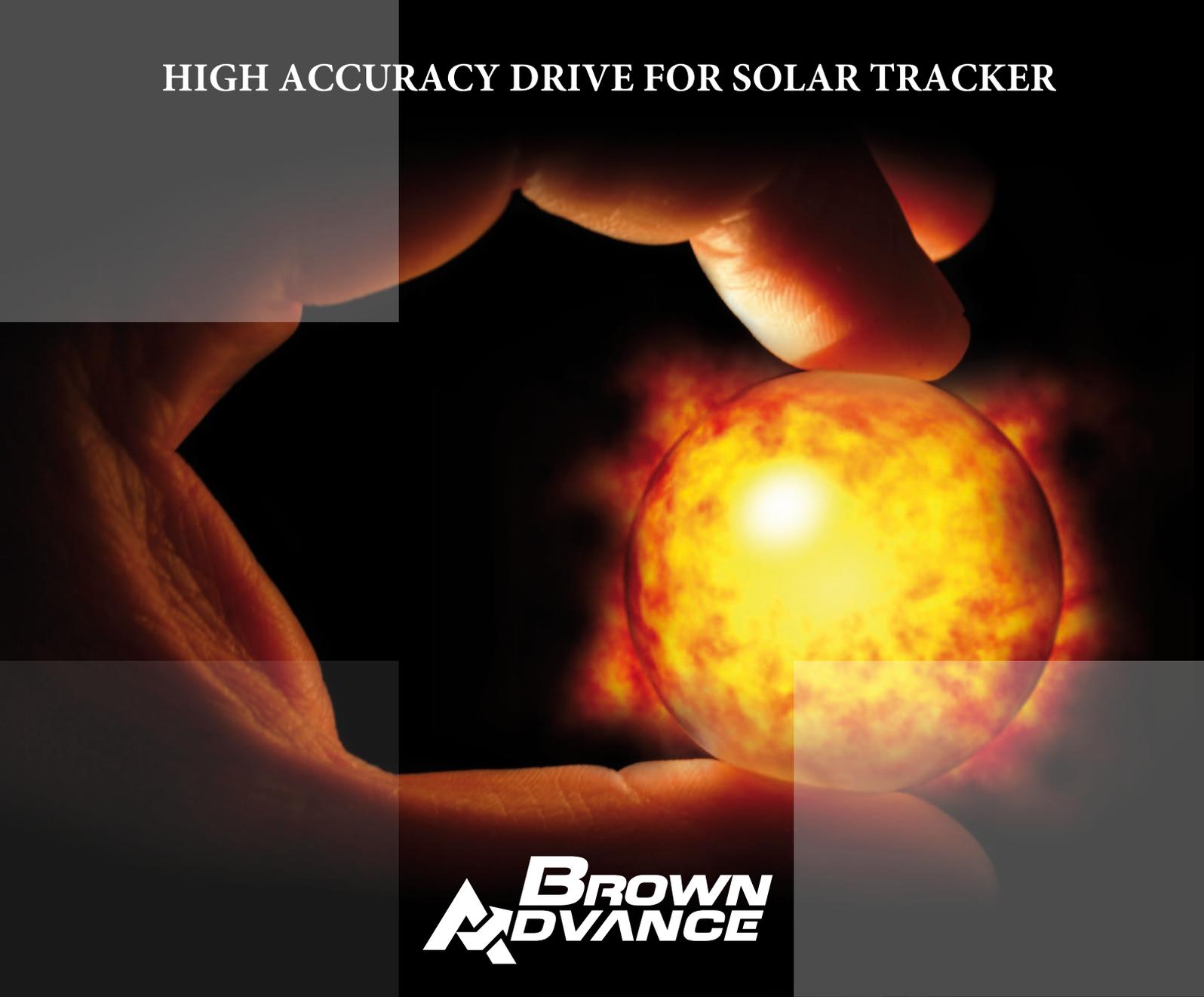


HIGH ACCURACY DRIVE FOR SOLAR TRACKER



**BROWN
ADVANCE**

Moving
carefully your
investment



Brown Advance is an expert developing solutions for solar tracking. We have concentrate all our technological capavility to developpe and produce special drives with the highest accuracy and lowest cost, those are specially designed for CPV, CSP, central tower receiver heliostat, and sterling dish.

All units are our owns developments and patent design.
We focus to achieve the strict requirements of tracking and offer the solutions with the lowest maintenance and production cost

- Compact and rigid housing design.
- Low operation and maintenance cost.
- Low backlash 0,01°.
- High accuracy pointing.
- Long life time.





It is a compact unit drive that provide azimuth and zenith movement.

The first system that combine precision helical gears with planetary gears.

360° exactly rotation in horizontal and vertical direction with high accuracy.

Power transmission capacity 6 times over than other different systems.

High reduction ratio and efficiency.

Multi-tooth meshing provides high output torque

High radial output torque, strong carrying capacity..

High capacity to overloads and impacts

The gears surface are carburizing quench hardened processing and grinding machining.

Special load-bearings structure design.

High output stiffness, low backlash only 0,01°

Self-locking capacity.





Solar Application Line

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