

SPACECRAFT SYSTEMS

Extended-Arm Dual-Axis Solar Array Drive Mechanism

Developed for commercial aerospace applications, this long-life, low-cost, and high-reliability drive mechanism features a compact and lightweight structure.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Model	C-SADM-3-3B
Output Torque	≥ 10 N·m
Flight Heritage	2019
Application	Hongyan / Hongyun Satellite Constellations

Quick Overview

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Key Specifications

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Key Features

- Long service life, low cost, and high reliability.
- Lightweight and compact design.
- Adjustable extended arm between dual axes to meet user requirements.

Applications

- Used in satellite platforms requiring dual-axis solar array tracking and precise positioning, especially in mass-optimized spacecraft configurations.

Documentation & Resources

- [Technical Specifications](#)
- [Applications](#)