

SPACECRAFT SYSTEMS

Micro Flywheel Combination

Flywheels are key actuators in satellite attitude control systems.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Model	C-AOFW-3-1A
Rated Momentum	60 mN·m·s
Flight Heritage	Completed in 2017
Application	Microsatellite
Dimensions (mm)	120 × 100 × 95
Weight (kg)	≤ 1.6
Operating Temperature (°C)	-5 to +45
Storage Temperature (°C)	-10 to +50
Communication Interface	RS-422

Quick Overview

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Key Features

- Low-cost design and implementation technology.
- Integrated electromechanical design with high compactness.
- Lightweight, small size, and low power consumption.
- Excellent adaptability to space environments.

Applications

- Used for three-axis attitude control and momentum management in microsatellite platforms.

Documentation & Resources

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