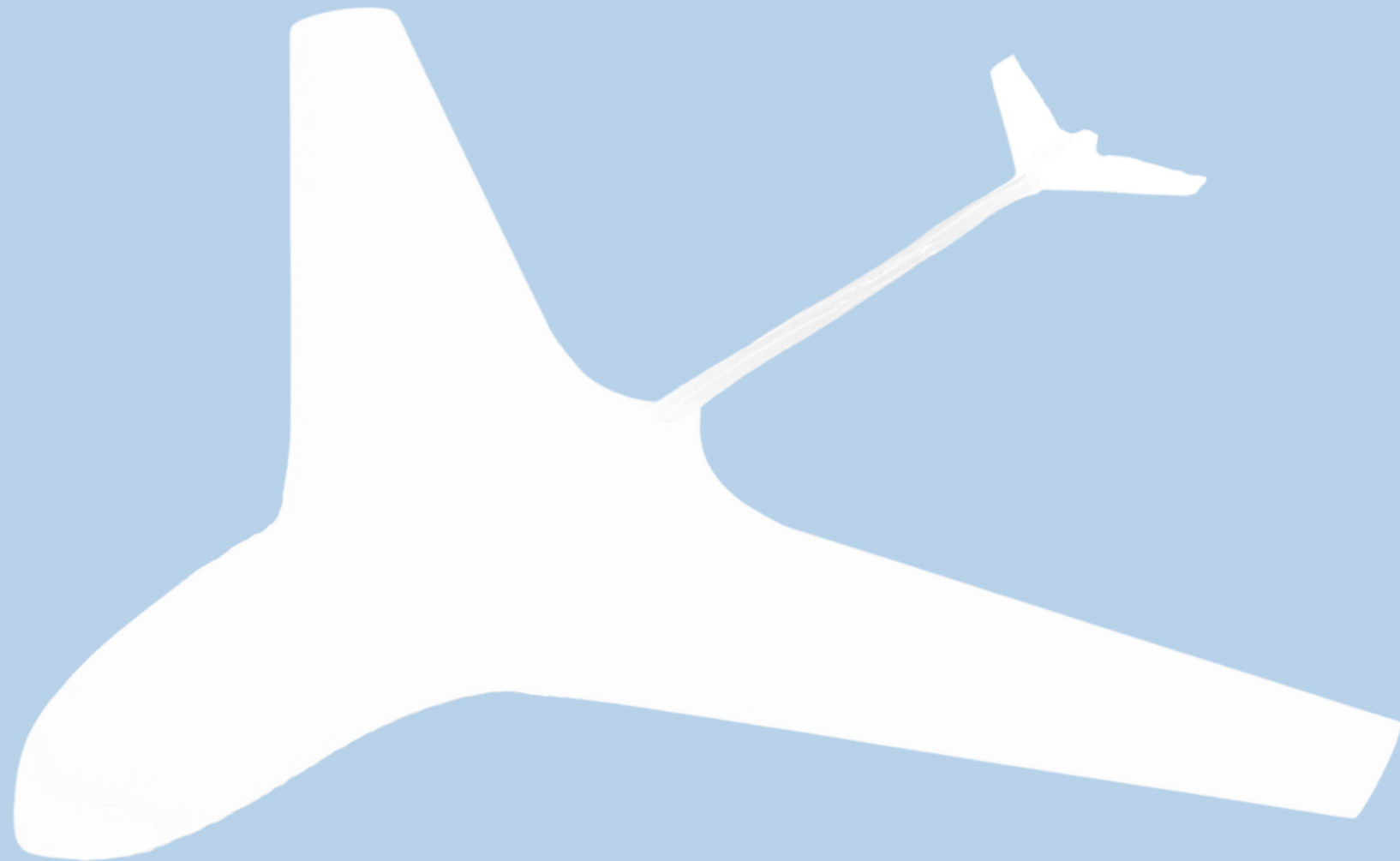


# PRODUCTS-HV6A



**The HV-6A is a mini CDV glider designed for lightweight missions, educators, and enthusiasts.**

**While it spans ~750mm, we are unable to provide further structural information on this vehicle due to its classified developmental status.**

**Visit our product page at [neptuneug.org](https://neptuneug.org) on Jun 25, 2025 to obtain more information about this model.**

# PRODUCTS-HV6A

## POWER SUPPLY

**Default: 1\*352Ah**

**Extension: 1\*251Ah**

**Control Power: Shared**

## MOVEMENT

**Flight: 96-126kph**

**Glide: 0.35-0.41kn**

**Cruise: N.A.**

**Range: >10km**

**Duration: >2hrs**

**Transition: Impact**

**Launch: Projectile/Catapult**

**Reliability: 90+%**

## SENSORS AND COMMS

**Default: Camera (SIYI)**

**Comms: LoRa with Antenna +5dB**

**Datalink: I2C**

**Sensors: Depth, Temperature**

**Extension: 2\*I2C Devices**

**Additional Datalink: N.A.**

## CONTROLS

**Manual: MK15/RC Control**

**Automated: Serial Port**

**Algorithm: PID**

**Max. Glide Cycle: 5mins**

**Modes: Flight, Glide**