

Build. Customize. Fly.



axl 30 DIY Drone Kit

The axl 30 DIY Drone Kit is a lightweight, modular quadcopter airframe crafted for all levels of drone builders. Constructed from lightweight materials, it offers a compact footprint for agile and responsive flight, making it ideal for a wide range of applications.



Sturdy Yet Light

Carbon fiber, Hyper ABS, Aluminium make it tough without weighing it down.



Perfect Size & Agility

Ideal for recreational flying, aerial photography, surveying/inspections, and learning applications.



DIY Friendly Design

Smartly structured for smooth, step-by-step assembly.



Built Your Way

Easy, modifiable to your unique needs

axl 30

Specifications

Parameter	Value
Frame Weight	~560 g
Frame Size	509 x 509 x 147 mm (L*W *H)
Frame Material	Carbon Fiber, Hyper ABS
Max load capacity of the frame	~3000 g



The axl 30 Drone Kit provides a lightweight quadcopter frame tailored for the needs of hobbyists, educators, and research applications. Designed with adaptability in mind, the kit can be easily modified to meet a variety of project goals.

Recommended Components

- Motor : 380Kv, 2.3 Kg Max Thrust
- Propeller : 15-inch nylon fiber foldable propeller with aluminum propeller mount
- ESC : 4S - 6S, 30-40Amps
- Payload : Camera - C12, A8 Mini
- Battery : axl Everfly 12000mAh Battery
- GPS : axl Orbit
- PDB : axldrone PDB 100A/PDB 150A
- Remote Control : Standard 6 CH RC

*Additional components, including GPS, PDB, Battery, and Camera, are available on request

axl 30L

Everything axl 30 offers + Propeller, Motor & ESC

Specifications

Parameter	Value
Total Weight	~1450
Size	509 x 904 x 182 mm (L*W *H)
Frame Material	Carbon Fiber, Hyper ABS, Aluminium
Max load capacity of the frame	~4000g
Propeller	2 Pairs 15-inch nylon fiber Foldable Propeller, Fitting Screw Accessories
Motor	4* 380 KV Motor
ESC	4* 4S - 6S, 30-40 Amps
Folding Mechanism	4* Z16 CNC Aluminum Folding Arm Tube Joint
Motor Mount	4* Aircraft-grade Aluminum Motor Mount



The axl 30L Drone Kit is an Advanced Foldable version of axl 30, which pairs our lightweight carbon-fiber airframe with the necessary propulsion components (Motors, ESCs, and Propellers) so you get advanced performance without the hassle of sourcing parts.

Recommended Components

- Payload : Camera - C12, A8 Mini
- Battery : axl Everfly 12000mAh Battery
- GPS : axl Orbit
- PDB : axldrone PDB 100A/PDB 150A
- Remote Control : Standard 6 CH RC

*Additional components, including GPS, PDB, Battery, and Camera, are available on request

axl 30XL

Everything axl 30L offers + Flight Controller

Specifications

Parameter	Value
Total Weight	~1530
Size	509 x 904 x 182 mm (L*W *H)
Frame Material	Carbon Fiber, Hyper ABS, Aluminium
Max load capacity of the frame	~4000g
Propeller	2 Pairs 15-inch nylon fiber Foldable Propeller, Fitting Screw Accessories
Motor	4* 380 KV Motor
ESC	4* 4S - 6S, 30-40 Amps
Flight Controller	1* Autonomous Flight Controller With Wiring Set
Folding Mechanism	4* Z16 CNC Aluminum Folding Arm Tube Joint
Motor Mount	4* Aircraft-grade Aluminum Motor Mount



The axl 30XL is a Ready-to-Build Foldable Drone Kit featuring our robust carbon-fiber frame, propulsion system & FC - everything you need for a smooth experience from assembly to takeoff.

Recommended Components

- Payload : Camera - C12, A8 Mini
- Battery : axl Everfly 12000mAh Battery
- GPS : axl Orbit
- PDB : axldrone PDB 100A/PDB 150A
- Remote Control : Standard 6 CH RC

*Additional components, including GPS, PDB, Battery, and Camera, are available on request

axl 30

Beginner



Carbon Fiber, Hyper ABS
Airframe

axl 30L

Advanced



Carbon Fiber, Hyper ABS
Airframe with Foldable Arms
and Aluminium Motor Mount

Propulsion system
(Propeller, Motor & ESC)

axl 30XL

Ready to Build



Carbon Fiber, Hyper ABS
Airframe with Foldable Arms
and Aluminium Motor Mount

Propulsion system
(Propeller, Motor & ESC)

Flight Controller

**Additional
components
are available
on request**

About axldrone

axldrone is a leader in innovative drone solutions, offering purpose-built drones, powerful components, and ground control software. With over a decade of R&D and global project execution experience, we provide end-to-end drone solutions for professional and industrial uses.



axldrone

2nd Floor, MEDA Building,
Kakkanad, Ernakulam, Kerala, 682 037
Ph: +91 484 299 3399, +91 949 771 7654

Global
R&D and Export

P : +91 8943 44 8144
E : info@axldrone.com

C5, UL Cyberpark,
SEZ, Calicut, Kerala, 673 016

Global
Sales and Support

P : (646) 260-6311
E : info@axldrone.com

1441 Broadway,
#5, New York, NY 10018

