

DRONE VOLT®

HERCULES 20

HIGH PAYLOAD CAPACITY DRONE





The ultimate solution for high payload capacity

- **Powerful:** the Hercules 20 can lift up to 33 lbs (15 kg) and can carry a wide range of payloads.
- **Lightweight and compact:** with its 4 removable arms and landing gears, the Hercules 20 is ultra compact and easy to transport.
- **Stable:** its architecture allows an excellent flight stability and resistance, no matter the payload it carries.
- **Resistant:** the carbon fiber frame and anodized aluminium fasteners make the Hercules 20 extremely resistant.

APPLICATIONS

—○ **ENERGY**
POWER LINES STRINGING

—○ **SECURITY & SAFETY**
SEARCH AND RESCUE
FIREFIGHTING MONITORING
LAW ENFORCEMENT SUPPORT
CIVIL SECURITY

—○ **INFRASTRUCTURE**
INDUSTRIAL INSPECTION
INDUSTRIAL LIFTING
TRANSPORT NETWORK INSPECTION
INFRASTRUCTURE MAINTENANCE

—○ **CONSTRUCTION**
ROOF AND SURFACE CLEANING
TOOLS LIFTING

—○ **DEFENSE**
NERVA® LG MINI ROBOT FOR
RECONNAISSANCE MISSIONS AND
SUPPORT

—○ **AGRICULTURE**
CROP SPRAYING



CUSTOMIZED PROFESSIONAL UAV SOLUTIONS

DRONE VOLT FACTORY is an engineering office specializing in the production of customized professional UAV solutions.

Our team supports you throughout all stages of your project, from the conceptual design of the drone to its manufacture.

AIRCRAFT SPECIFICATIONS



Max. Take-off weight
33 kg (73 lbs)



Max. Flight time
Up to 40 minutes*
*depending on the payload weight



Payload compatibility
Any type of payloads
up to 15 kg (33 lb)



Remote Controller Range
Video Transmission Range
Telemetry Range
2 km (1,25 miles)



Max. flight speed
25 m/s (3,3 ft/s)



Propulsion
Maximum Engine
thrust : 10kg (22lb)



Weather conditions
Moderate rains
-4°F (-20°C) / 113°F (45°C)



Propellers
26 inches.



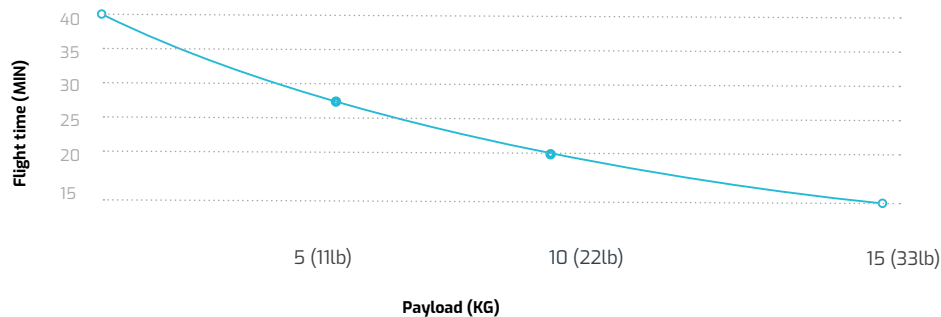
Frame
100% carbon frame &
anodized aluminum



600 mm / 23.6 inches

1000 mm / 39.3 inches

FLIGHT TIME GRAPH



REMOVABLE ARMS FOR AN EASY TRANSPORTATION

The Hercules 20 is equipped with a connectors system of 4 removable arms and 2 landing gears which bring an easy and practical transportation.





NERVA LG
nexter
ROBOTICS

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