



# GRIFFIN PRO SPEC SHEET

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## ARACE Griffin Pro: Revolutionizing Industrial Aerial Operations

The ARACE Griffin Pro is a next-generation industrial aerial vehicle designed for versatile applications. Its standout features include:

**Versatile Deployment:** Perform vertical take-off and landing (VTOL) from any 5x5m flat surface, enabling deployment from various locations.

**High Wind Resistance:** Safely operates in winds over 45kph at ground level and 80kph in the air, thanks to reinforced parts.

**Easy and Rapid Deployment:** Compact carry case for easy transportation, tool-less field assembly in under 30 seconds.

**Autonomy and Mission Planning:** Operates autonomously from take-off to landing, with intuitive command and control applications for mission planning and execution.

**Customizable and Adaptable:** Highly customizable for civil security, surveillance, SAR, and aerial mapping applications with various payload options.

**Enhanced Safety and Redundancy:** Cutting-edge technology and multiple redundancy systems ensure safe operations.

**Extended Range and Security:** Covers up to 150km in a single flight, with secure AES encrypted datalink for telemetry/control/live video transmission up to 40km.

The ARACE Griffin Pro represents a **new era** in industrial aerial vehicles, offering **advanced features, rapid deployment, autonomy, versatility, and enhanced safety.**

Technical Specifications	
<b>Battery Type:</b>	Li-ion
<b>Battery Capacity:</b>	30,000mAh (30Ah)
<b>Voltage:</b>	22.2V
<b>Energy Storage:</b>	666Wh
<b>Payload Options:</b>	[e.g., High-resolution camera, LiDAR, Thermal Imaging]
<b>Wingspan:</b>	213cm
<b>Maximum Operating Altitude:</b>	5,000m ASL
<b>Wind Resistance at flight altitude:</b>	Cat. 6
<b>Cruise Speed:</b>	15-19m/s
<b>Max payload:</b>	2 kg
<b>MTOW:</b>	8.5 kg
<b>Maximum Operating Temperature:</b>	50 Degrees Celsius (for battery safety)
<b>Landing and takeoff:</b>	VTOL
<b>Flight time (on a single battery):</b>	up to 2.5 hours
<b>Bidirectional telemetry/HD video range:</b>	over 40km