

Technical specifications of lifting motor block

MODEL: VTEM 22

Motor	REST MOTOR 2100
ESC	REST LIPO 14S
Propeller	Aeronaut CAM 13x11

Technical specifications :

Propeller diameter	13±3 inches
Pitch	11±3 inches
Height	≤ 550mm
Weight	≤750g
Required static thrust	≥ 3.13kgf
Maximum power required	≥2100W
Voltage	12S
Maximum current required	76mΩ
Configuration	12N14P
Maximum current	120 A (10s)
Operating voltage	Lipo 6-14s
Maximum rotation speed	12000



Technical specifications of Motor

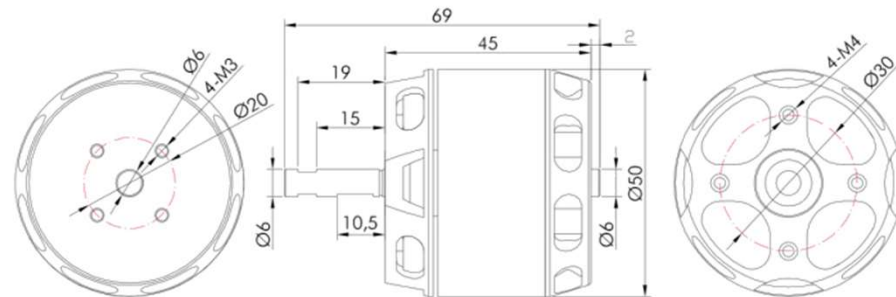
MODEL: REST MOTOR 2100



Technical specifications :

Dimensions (DxH)	Φ50*69mm
Weight	304g
Lead	Enameled Wire100mm
Maximum power required	≥2100W
Voltage	12S
Maximum current required	76mA
Configuration	12N14P

Technical Drawing



Restech Group LLC

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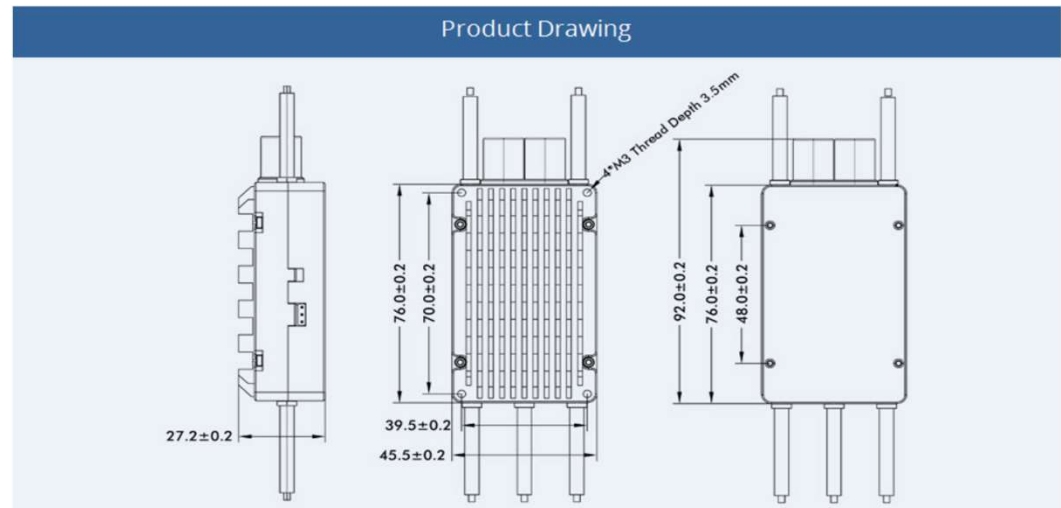
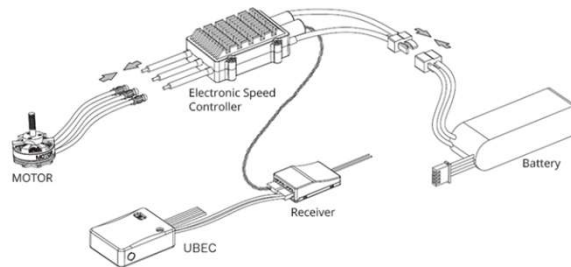
Technical specifications of ESC

MODEL: REST LIPO 14S



Technical specifications :

Dimensions (LxWxH)	92x46x27.3 ±1mm
Weight	182 ± 1 g
Maximum current	120 A (10s)
Operating voltage	Lipo 6-14s
BEC Mode	Switch



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13x11' Aeronaut Cam-Carbon blades

Descriptions

The new generation of folding propellers from Rudolf Freudenthaler, exploiting CAM technology. The very thin, carefully optimised blade profile and computer-calculated airfoil sections guarantee very high accuracy and excellent efficiency combined with low power absorption from the electric motor. All blades are made exclusively from a mixture of carbon fibres and nylon, which has proved excellent in our propellers over many years, as it endows the blades with very high torsional rigidity. These blades are very light in weight thanks to the extremely thin blade profile and the materials employed.

Features

- Size in inches: 13x11"
- Size in Centimeter: 33,0x28,0cm
- HUB thickness: 8mm
- Bore: 3mm
- Max RPM: 12000
- Rotation: Left (CCW)

