



玄云动力
SWIWIN TURBINE

SWIWIN SW300Pro-K Technical specifications



SWIWIN SW300Pro-K List of engine accessories

Serial number	Name	Picture specification	Quantity
1	Engine		one
2	ECU (V4)		one
3	GSU		one
4	Fixture		one
5	Power cable		one
6	Signal cable		one
7	Switch valve		one



8	FESTO filter		one
9	Tubing	 $\Phi 4 \times \Phi 2.5\text{mm}$ $\Phi 6 \times \Phi 4\text{mm}$	1.5m



Technical parameter

Model	SW300Pro-K
Thrust	30kg
Diameter (mm)	132mm
Length (mm)	333mm
Weight	2560g
ECU weight	353g
Usage temperature	-40℃~50℃
Supply voltage	4S Lipo battery
Starting system	One-button electronic start
Rpm Range	38000-98000
Exhaust Temperature	750℃
Fuel Consumption	820g/min
Fuel	kerosene
Lube oil	3%~5%
Maintenance Interval	25H
Start time	≤30s

Engine start parameters

Pump Voltage	1.34V
RPM Start Up Ramp	80%
Pump Start Up Ramp	7
Glow Plug	5-7V
Valve	50
Ignition RPM	3000
Preheat RPM	8000
RPM Off Starter	18000

Engine operating parameters

RPM ACC	25
RPM DEC	25
Max RPM	98000
Idle RPM	38000
Minimum speed	18000
Max Temp	1000
Low Volt	10V
Restart	close
Restart Glow Plug	Consistent with the voltage of the burner
Pump Limit	13V
Idle Stable	8

Engine cooling parameters

Cool	4000rpm
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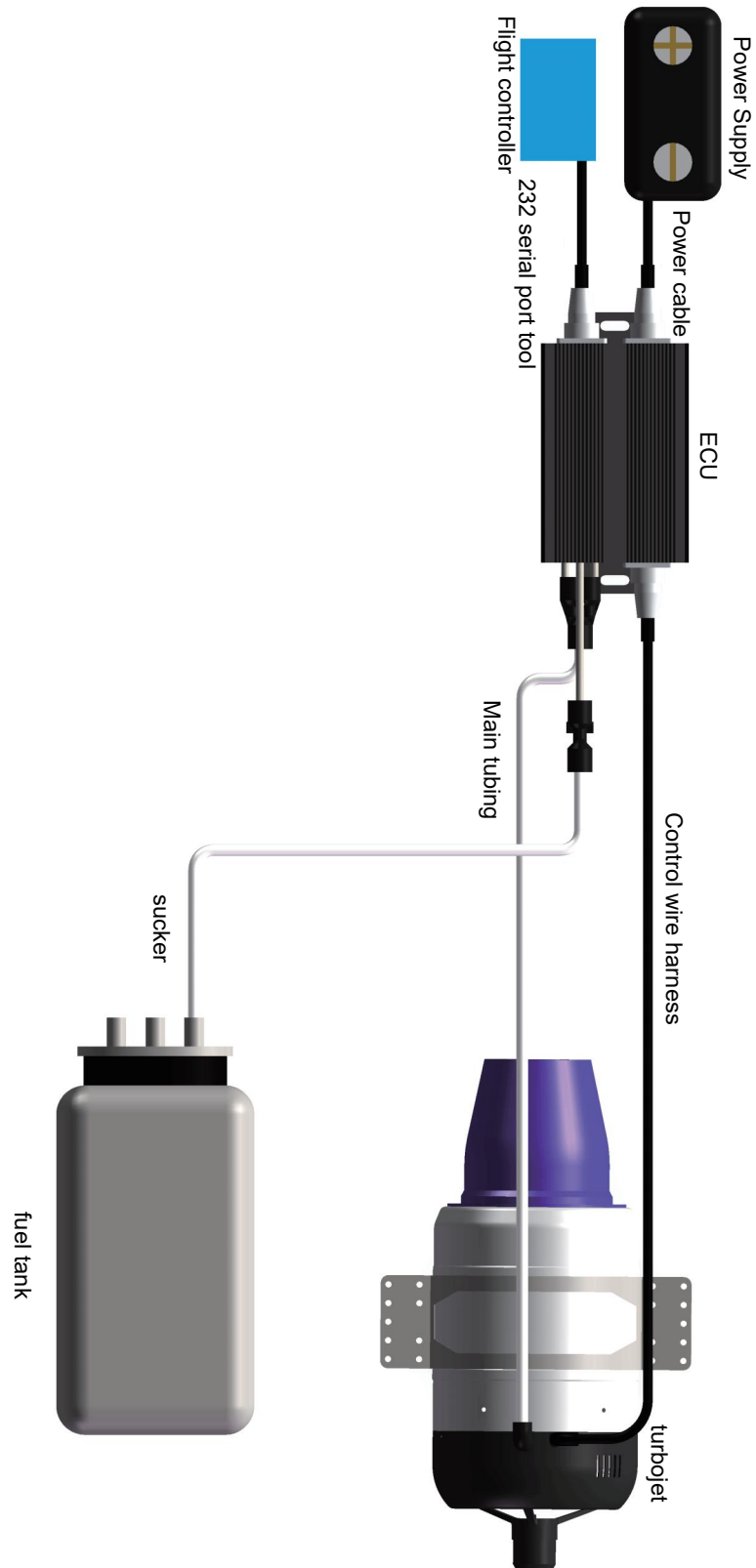
Starting motor parameters

Pop-up time	0.4S
Ejection voltage	4V
Run Voltage	5V
RPM Stable	50

Note: All data are measured at standard air pressure.

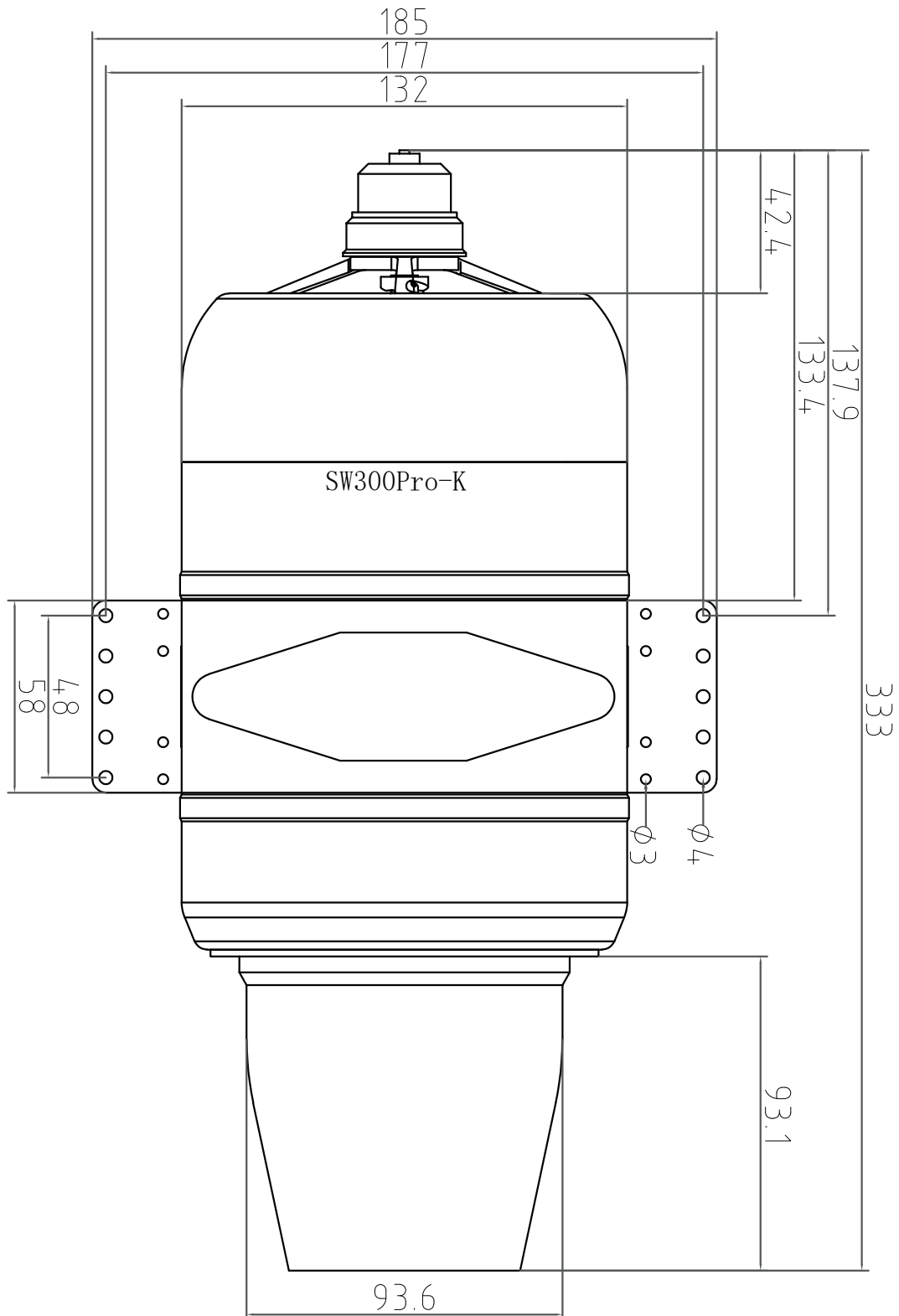


System connection diagram





Product dimension diagram



Disclaimer

This internal combustion engine is only used for Model RC, Toy aircraft as power source, it can only be used for model airplane flight, model airplane flying show and other entertainment activities. According to the Export control law of the People's Republic of China and the Export control law of the USA. It is strictly forbidden to modify the product for illegal use. It is strictly prohibited to resell the product to the export restriction country under the law in China. Otherwise, all consequences will be at your own risk.