

SWIWIN SW190B





Technical specifications



SWIWIN SW190B List of engine accessories

serial number	name	Picture specification	quantity
1	Engine body		one
2	ECU (V3)		one
3	GSU		one
4	Fixing frame		one
5	Brushless oil pump		one
6	Power line		one
7	Signal line		one



8	Throttle line		one
9	Switch valve		one
10	Filter		one
11	Tubing	 $\Phi 4 \times \Phi 2.5\text{mm}$ $\Phi 6 \times \Phi 4\text{mm}$	1.5m

Technical parameter

Model	SW190B
Thrust	19kg
Diameter (mm)	109.5mm
Length (mm)	260mm
Weight	1500g
ECU weight	42g
Usage temperature	-40°C~50°C
Supply voltage	3S Lipo battery
Starting system	One-button electronic start
Rpm Range	38000-118000
Exhaust Temperature	750°C
Fuel Consumption	550g/min
Fuel	kerosene
Lube oil	3%~5%
Maintenance Interval	25H

Engine start parameters

Pump Voltage	0.5-1V
RPM Start Up Ramp	100%
Pump Start Up Ramp	3
Glow Plug	5-7V
Valve	20
Ignition RPM	3000
Preheat RPM	5000
RPM Off Starter	22000

Engine operating parameters

RPM ACC	25
RPM DEC	25
Max RPM	118000
Idle RPM	38000
Minimum speed	28000
Max Temp	1000
Low Volt	10V
Restart	close
Restart Glow Plug	Consistent with the voltage of the burner
Pump Limit	11V
Idle Stable	5-8

Engine cooling parameters

Cool	5000rpm
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Starting motor parameters

Pop-up time	0.5S
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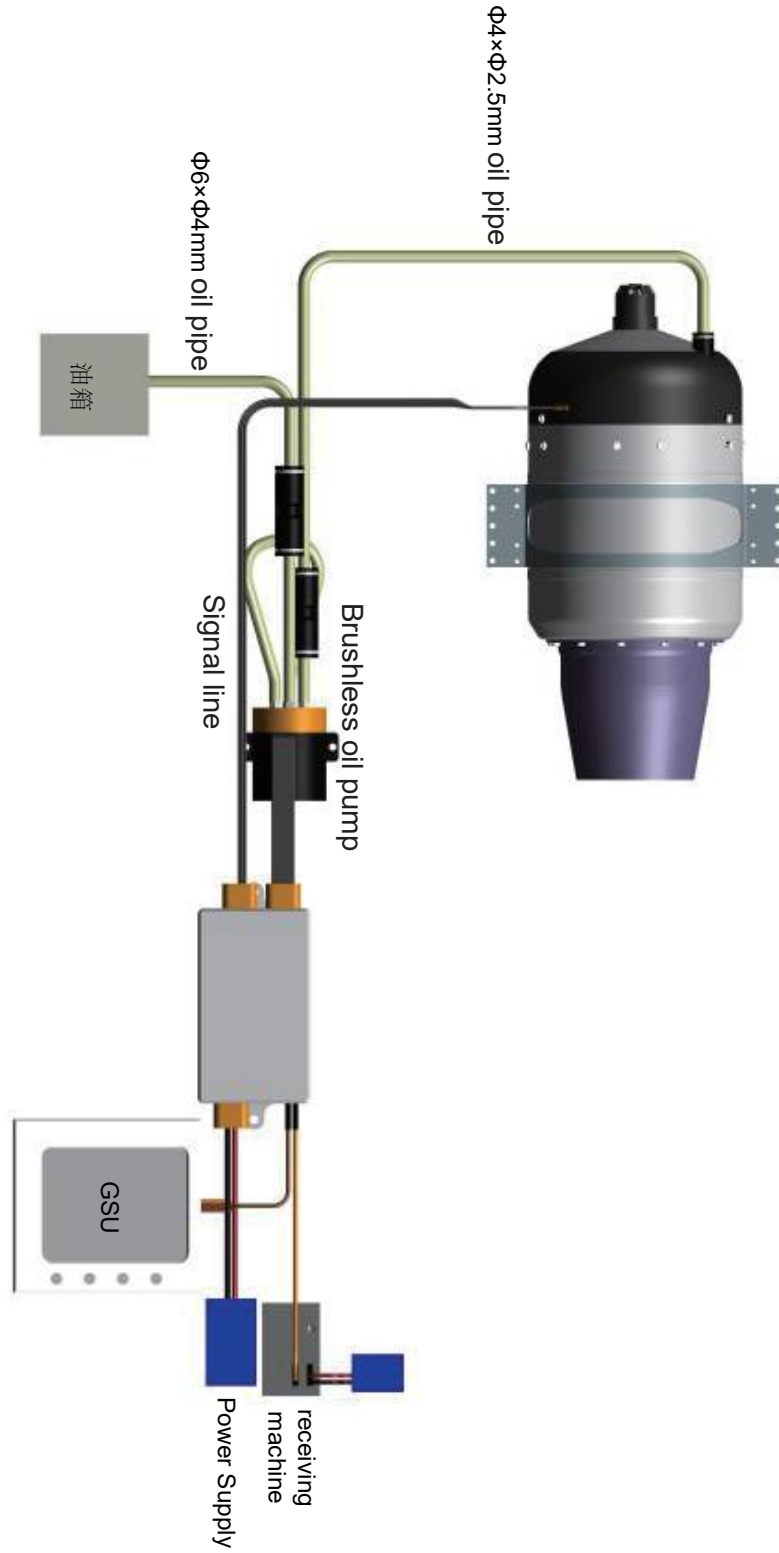
Ejection voltage	3.5V
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Run Voltage	4V
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RPM Stable	50
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Note: All data are measured at standard air pressure.

System connection diagram



Product dimension diagram

