




SWIWIN SW220B





Technical specifications



SWIWIN SW220B 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	SW220B
Thrust	22kg
Diameter (mm)	115.5mm
Length (mm)	278.5mm
Weight	1740g
ECU weight	42g
Usage temperature	-40°C~50°C
Supply voltage	3S Lipo battery
Starting system	One-button electronic start
Rpm Range	38000-115000
Exhaust Temperature	750°C
Fuel Consumption	620g/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	40
Ignition RPM	3000
Preheat RPM	5000
RPM Off Starter	20000

Engine operating parameters

RPM ACC	25
RPM DEC	25
Max RPM	115000
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

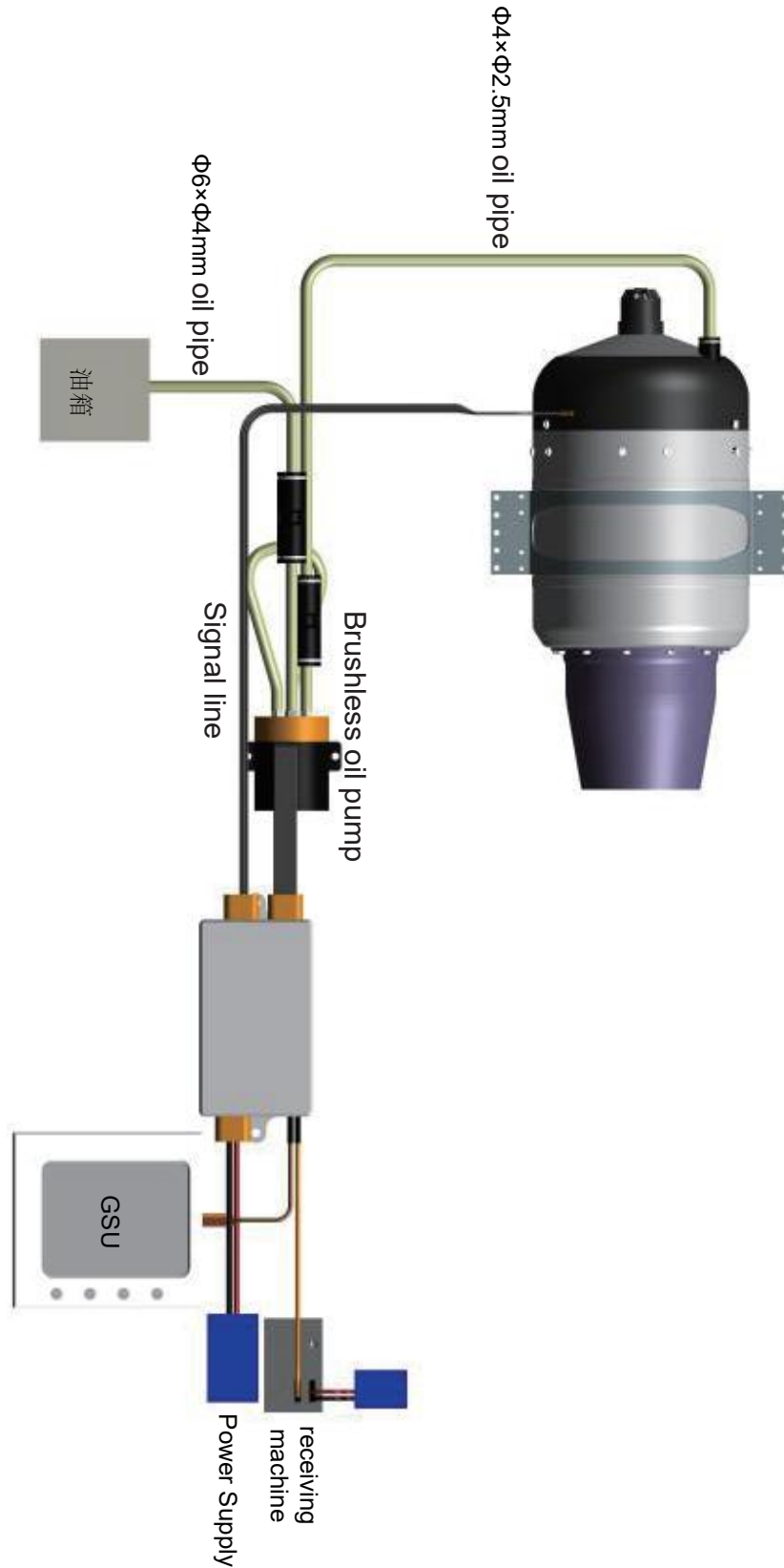
Cool	5000rpm
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Starting motor parameters

Pop-up time	0.5S
Ejection voltage	4V
Run Voltage	4V
RPM Stable	50

Note: All data are measured at standard air pressure.

System connection diagram





Product dimension diagram

