



SWIWIN SW300Pro-K Technical specifications



SWIWIN SW300Pro-K List of engine accessories

| serial number | name | Picture specification | quantity |
|---------------|------------------|--|----------|
| 1 | Engine body |  | 1 set |
| 2 | ECU |  | one |
| 3 | GSU |  | one |
| 4 | Fixing frame |  | one |
| 5 | Power cord plug |  | one |
| 6 | Signal wire plug |  | one |
| 7 | Switch valve |  | one |



| | | | |
|---|----------------|---|---------------|
| 8 | Oil filtration |  | one |
| 9 | Tubing |  4*2.5mm和6*4mm | 2 meters each |

Technical parameter

| | |
|----------------------|-----------------------------|
| model | SW300Pro-K |
| Thrust | 30kg |
| Diameter (mm) | 132mm |
| Length (mm) | 333mm |
| weight | 2560g |
| ECU weight | 353g |
| usage temperature | -40°C~50°C |
| supply voltage | 4S Lipo battery |
| starting system | One-button electronic start |
| Rpm Range | 38000-98000 |
| Exhaust Temperature | 750°C |
| 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

Starting motor parameters

Pop-up time

0.4S

Ejection voltage

4V

Run Voltage

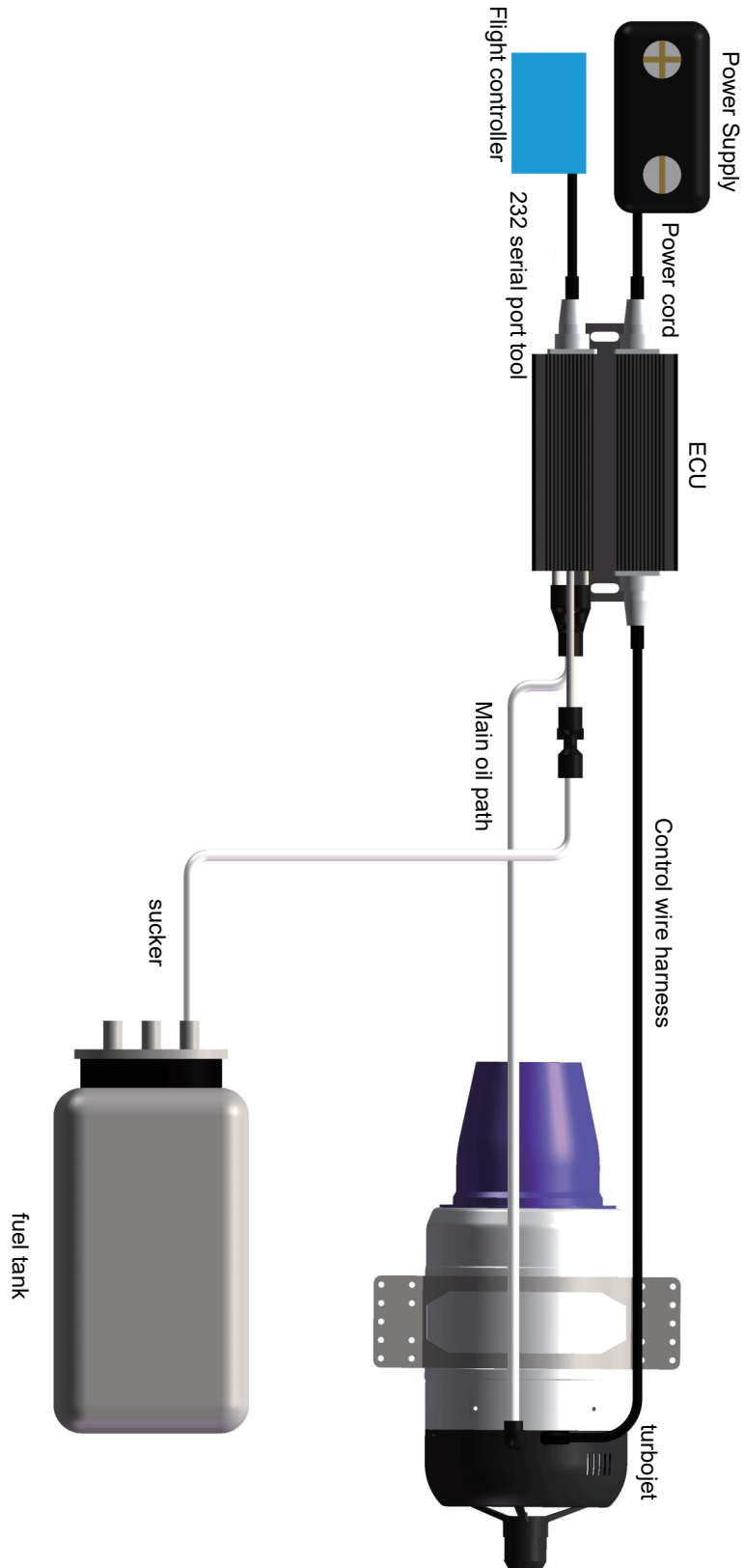
5V

RPM Stable

50

Note: All data are measured at standard air pressure.

System connection diagram



Product dimension diagram

