



MICRO GAS TURBINE ENGINES

SLX SERIES

Our SLX series micro turbines power the next generation UAVs to sky-rocketing speeds and enable them to undertake evasive maneuvers in complex missions. Engineered to last and perform at optimal thrust throughout its life.

1

Simulation Driven

Rigorous 3D parametric modeling with extensive FEA, CFD, & FSI.

2

Precision Engineering

Sophisticated precision tooling & machining to achieve stringent tolerances & accuracy.

3

Material Selection

Dedicated metallurgic studies and material selection guarantees the best possible choice and implantation of materials for best performance and life.

4

Reliability

Designed to perform and designed to endure.

5

Support, Service, & Maintenance

Full customer support, repair, & maintenance locally at our workshops. We are passionate about propulsion systems and make it our trademark.

Powering the Drones of Tomorrow



Design HQ

Suite 406, 4th Floor, Marine Pride,
Khayaban-e-Iqbal, Clifton, Block VII,
Karachi - 75500
Pakistan

+92(21)353-06403

info@solunox.com.pk

www.solunox.com.pk

Engine Model Specifications

	SLX-60	SLX-80	SLX-120	SLX-140	SLX-170	SLX-190	SLX-220	SLX-240	SLX-300	SLX-400	SLX-800
Thrust (N)	60	80	120	140	170	190	220	240	300	400	800
Diameter (mm)	84	83	99	99	109	109	116	116	133	148	208
Length (mm)	203	203	250	250	258	258	275	275	342	340	455
Weight (g)	780	780	1250	1250	1450	1450	1700	1700	2500	3200	8500
Max RPM	150,000	155,000	125,000	130,000	113,000	116,000	115,000	115,000	98,000	97,000	65,000
Consumption @ Max RPM (g/min)	200	270	350	380	480	550	660	660	820	980	1850
Fuel	Kero/Diesel										
Auto-Start	Yes										
Auto-Restart	Yes										
Motor	Brushless Startup Motor with Telemetry Functions										
Maintenance Interval	25 Hours										
Warranty	1-Year or 25 Hours of Operation										

