

ST-51 TECHNICAL SPECIFICATIONS

SPECIFICATION	ST-51	
Basic Information	Storage Temp & Humidity	-20°C ~ +60°C = < 90% suggested
	Operating Temp & Humidity	-20°C ~ +50°C = < %75 suggested
	Dimensions	320 x 450 x 400 mm
	Net Weight	2.1 kg
	Power Supply	5V 1A USB Type-B
	Max Propeller Diameter	18 inch
	Sampling Rate	10 Hz
Voltage and Current	Voltage Range	0 - 60 V
	Voltage Resolution	0,015 Volt
	Voltage Accuracy	±0.5%
	Current Range	0 - 75 A
	Current Resolution	0,02 A
	Current Accuracy	±0.3%
Thrust	Range	5 kgf
	Resolution	0.001 kgF (1 gF)
	Accuracy	±2%
Torque	Range	3 Nm
	Resolution	0,001 Nm (1 Nmm)
	Accuracy	±4%
RPM Sensor	Range	0 - 60 000 RPM
	Working Environment	Indoor
	Accuracy	±1 RPM
Motor Temperature	Range	-20 ~ +350 °C
	Resolution	0.02 °C
	Accuracy	±0.5 °C