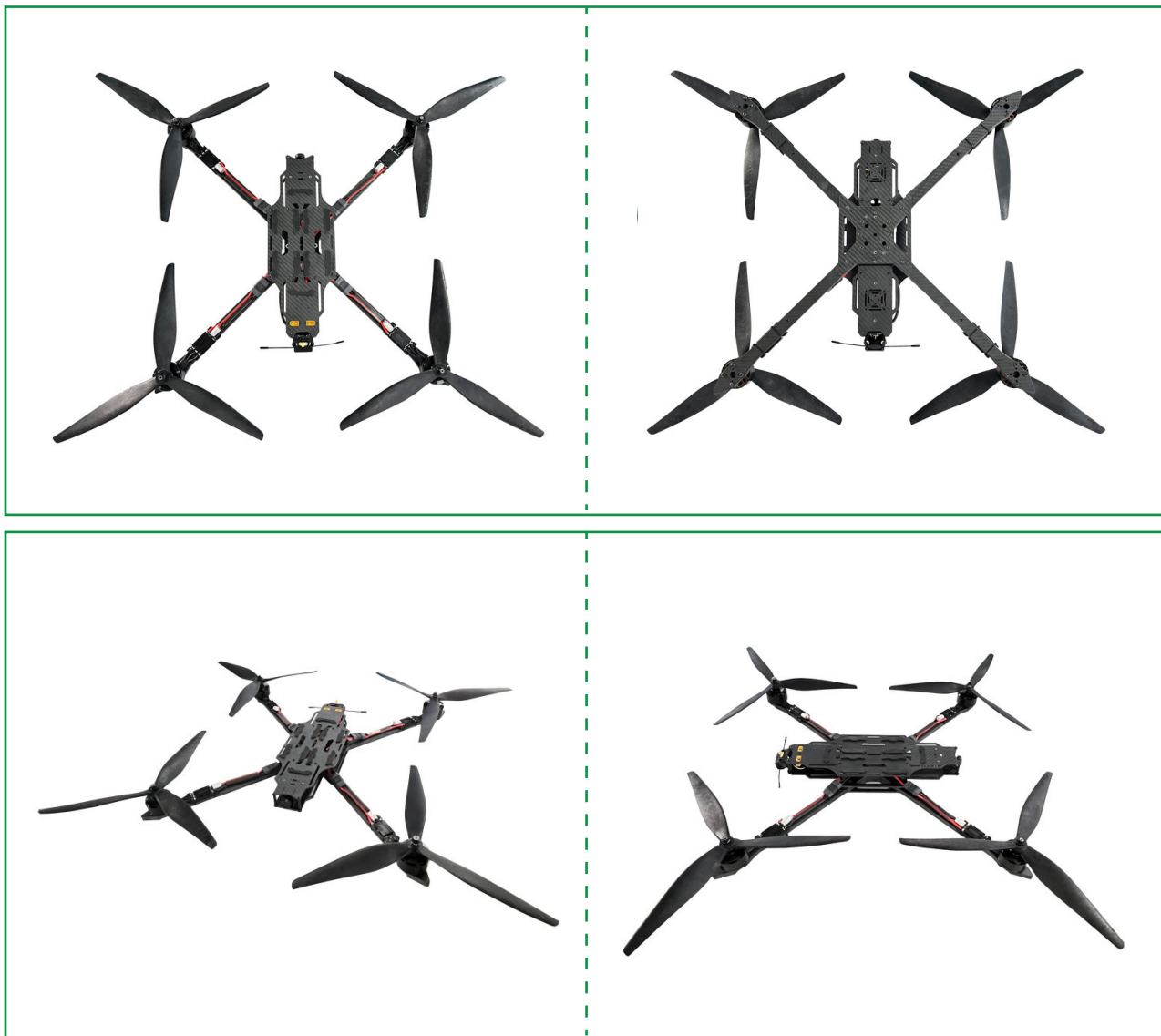
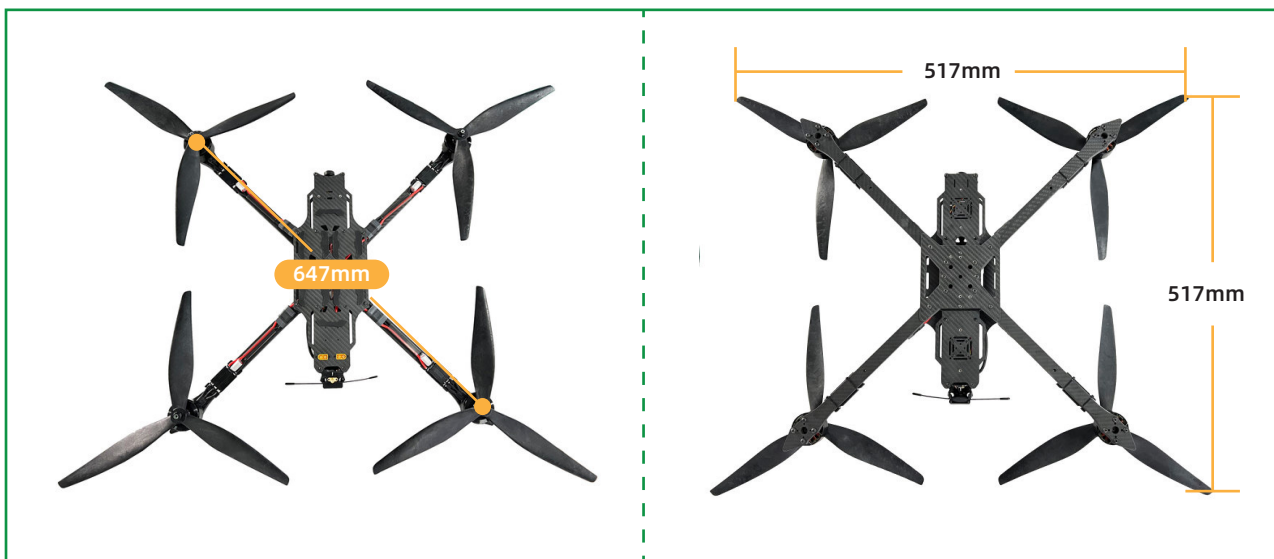


SG 15L Product Images



SG 15L Size



SG 13L Parameters

Frame	15 inches
Wheelbase	647mm
Product size	517*517*80mm
Material	3K T300 carbon fiber
Propeller	1507 (glass fiber nylon)
Max. take-off altitude	5000m
Max. flight speed	130km/h
Max. flight distance	20km
Rated load	7kg
Max. load	8kg
Max. take-off weight	13kg
No load endurance	42 mins (8s16000mah,4.9kg)
Full load endurance	12 mins (8s16000mah,11.8kg)
Net weight (with weight)	2.08kg
Product weight	2.75kg
Color box size	500*330*90mm
Recommended battery	8S 16000 50C LCB50 plug

Image Transmission Parameters

Model	TCMM 3W image transmission (optional)
Frequency	5.8G
Channels	48CH
Input Voltage	7-26V
Output Power	25mw/1600mw/2000mw/2500mW/3000mW
Protocol	Smart Audio
Dimensions	41*25*13.35MM

ESC Parameters

Model	TCMM 80A single ESC
Continuous current	80A
Peak current	85A (10S)
Lithium battery	3-8S
Weight	22g
Firmware	AM32

Flight Control Parameters

Model	F405ICM8SMINIOSD flight control (optional)
BEC	10V2A/5V3A/3.3V
MCU	STM32F405/STM32F722
Gyroscope	MPU6000/ICM42688-P
OSD	AT7456E
Firmware	TCMMF405/TCMMF722
Weight	8g
Mounting holes	M3*30.5*30.5

Motor Parameters

Model	TCMM 4214 380KV
Weight	208g
Maximum continuous current	60A
Maximum continuous power	1450W
Screw hole spacing	19mm
Screw hole	M3

Camera Parameters

Model	TCMM1800TVL night vision FPV camera (optional)
Sensor	1/3.cmos
Horizontal resolution	1800TVL
Horizontal field of view	165°
Lens	2.1mm lens
Video format	NTSC & PAL (adjustable)
Image ratio	16:9
Low illumination	0.0001LUX
Video output	CVBS
Day and night	External/internal/black and white/color
Operating temperature	-20°C~+60°C

Receiver Parameters

Model	ELRS915M receiver
MCU	ESP32 PICO D4, dual SX1276
Antenna	IPEX MHF 1/U.FL
RF frequency	915MHz&868MHz
Remote control power	17dBm
Receiver protocol	CRSF
Input voltage	+5V DC @ "+" pad
PCB size	16mm x 16mm
Protocol version	ELRS V3.3.0