Li-ion 6S3P 12000mah 10C XT60

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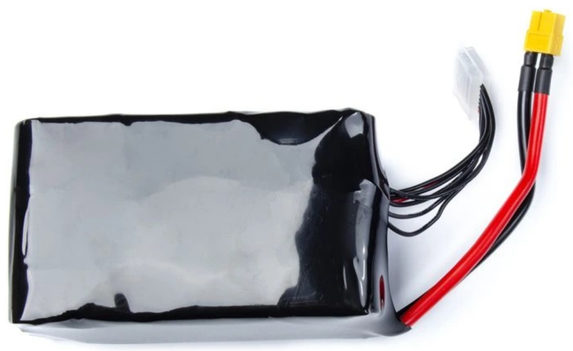

Li-ion battery pack configured in 6S3P arrangement with 12000mAh capacity for FPV drone applications. Operates at 21.6V nominal voltage with a voltage range from 15V minimum to 25.2V maximum and 22.2V recommended storage voltage. Supports continuous discharge at 10C rate with maximum discharge capability of 20C, while charging is limited to 0.5C maximum rate. Features XT60 power connector and JST XH 2.54mm 7-pin balance connector for cell balancing. Operates in temperatures from -20°C to 40°C with charging and storage restricted to 10-40°C range. Measures 130 x 80 x 65mm and weighs 1280g.

Product details	
Model	Li-ion 6S3P 12000mah 10C XT60
SKU	5557
Electrical specifications	
Type	Li-ion
Cell configuration	6S3P
Capacity	12000 mAh
Min voltage	15 V
Nominal voltage	21.6 V
Max voltage	25.2 V
Storage voltage	22.2 V
Max charge rate	0.5 C
Continues discharge rate	10 C
Peak discharge rate	20 C
Interfaces	
Power connector	XT60
Balance connector	JST XH 2.54mm 7-pin
Mechanical specifications	
Dimensions	130 x 80 x 65 mm

Weight	1280 g
Operating conditions	
Humidity range	20-95 % RH (non-condensing)
Charging temperature	10 - 40 °C
Storage temperature	10 - 40 °C
Operating temperature	-20 - 40 °C
Operating temperature (important note)	Operating at sub-zero temperatures reduces available capacity, increases internal resistance, and accelerates cell degradation, shortening overall battery lifespan.
Common	
Warranty	2 years