



Lithium polymer battery pack in 6S configuration providing 8000mAh capacity for FPV applications. Operates at 22.2V nominal voltage with a range from 18V minimum to 25.2V maximum. Supports continuous discharge at 75C with burst capability up to 150C and charging at 1C rate. Features XT60 power connector and JST XH 2.54mm 7-pin balance connector. Operates in temperatures from -10°C to 40°C with charging and storage limited to 10-40°C. Housed in a 138 × 66 × 44mm form factor weighing 820g.

Product details	
Model	Lipo 6S1P 6S 8000mAh 75C XT60
SKU	8249
Electrical specification	
Type	LiPo
Cell configuration	6S
Capacity	8000 mAh
Min voltage	18 V
Nominal voltage	22.2 V
Max voltage	25.2 V
Storage voltage	23.1 V
Max charge rate	1 C
Continues discharge rate	75 C
Peak discharge rate	150 C
Interfaces	
Power connector	XT60
Balance connector	JST XH 2.54mm 7-pin
Mechanical specifications	
Dimension	138x66x44 mm

Weight	820 g
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Charging temperature	10 - 40 °C
Storage temperature	10 - 40 °C
Operating temperature	-10 - 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