



Pilotix Lipo 6S1P 16000mAh 60C XT60 is a lithium polymer battery pack in 6S configuration with 16000mAh capacity. The battery operates at a nominal voltage of 22.2V with a voltage range from 18V minimum to 25.2V maximum, and a recommended storage voltage of 23.1V. It supports continuous discharge at 60C with burst capability up to 120C, while the maximum charge rate is 1C. The pack features an XT60 power connector and JST XH 2.54mm 7-pin balance connector. Physical dimensions measure 185 x 76 x 56mm with a weight of 1727g. Operating temperature spans -10 to 40°C, with charging and storage limited to 10-40°C at 20-95% relative humidity.

Product details	
Model	Lipo 6S1P 16000mAh 60C XT60
SKU	8248
Electrical specification	
Type	LiPo
Cell configuration	6S
Capacity	16000 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	60 C
Peak discharge rate	120 C
Interfaces	
Power connector	XT60
Balance connector	JST XH 2.54mm 7-pin
Mechanical specifications	
Dimension	185x76x56 mm

Weight	1727 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