



Li-ion battery pack in 6S3P cell configuration providing 12000mAh capacity at 21.6V nominal voltage. Operates within a voltage range from 15V minimum to 25.2V maximum, with 22.2V recommended for storage. Supports continuous discharge at 10C rate with maximum discharge capability of 20C and maximum charge rate of 0.5C. Features XT60 power connector and JST XH 2.54mm 7-pin balance connector. Operates in temperatures from -20°C to 40°C, with charging and storage limited to 10-40°C range at 20-95% relative humidity non-condensing. Measures 130 x 80 x 65mm and weighs 1280g.

Product details	
Model	Li-ion 6S3P 12000mah 10C XT60
SKU	5557
Electrical specification	
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	
Dimension	130x80x65 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