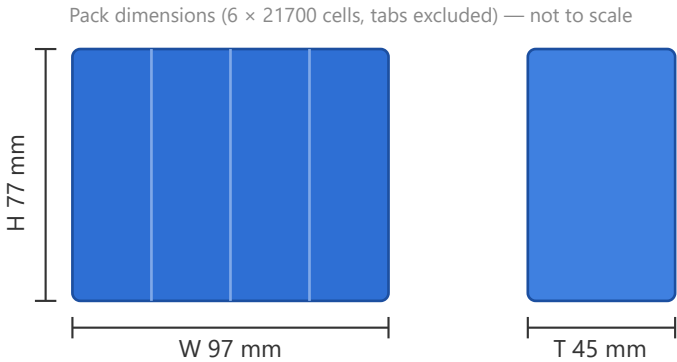


Lithium-ion Battery Pack

Product Datasheet · Model: 21700-3S2P · 11.1 V · 10600 mAh · 3S2P · with protective PCM board



Product photo (representative image) — pack wrapped in blue PVC heat-shrink film



Drawing of battery pack (T×W×H)

Model: PPG 21700-3S2P 3S2P 10600 mAh 11.1 V (117.66 Wh) Custom Battery Manufacturer

Electrical Characteristics	
Nominal Capacity	10600 mAh (0.2C, 2.75 V/cell cut-off)
Nominal Voltage	11.1 V
AC Impedance	≤ 50 mΩ (pack, after assembly)
Cycle Life	≥ 500 cycles @0.2C/0.2C (≥ 80% capacity)
Self Discharge Rate	≤ 3% per month @25 °C

Mechanical Characteristics	
Cell Configuration	6 × 21700 Li-ion cell (3S2P), 5300 mAh / 3.6 V each
Typical Weight	approx. 530 g (estimated)
Dimensions (T×W×H)	45 × 97 × 77 mm
Wire	UL1007 22AWG (charge) / UL3135 18AWG (discharge)
Connector	XT30 (discharge) + JST XH2.54-4P (charge / balance)

Typical Applications	
Energy Storage	Portable Power
Backup Power	Remote Control Robots
Instruments & Meters	Lighting

Charging & Discharge Characteristic	
Standard Charge Current	2120 mA (0.2C)
Max. Continuous Charge Current	5300 mA (0.5C)
Charge Cut-off Voltage	12.6 V
Standard Discharge Current	2120 mA (0.2C)
Max. Continuous Discharge Current	5300 mA (0.5C)
Discharge Cut-off Voltage	8.25 V (2.75 V/cell)

Temperature Characteristic	
Discharge Temperature	-10 ~ 60 °C
Charge Temperature	0 ~ 45 °C
Recommend Storage Temperature	15 ~ 35 °C

PCM Specification	
Protection	Built-in protective PCM board with cell balancing
Balance Connector	JST XH2.54-4P (3S)
Protection Thresholds	Customized; details available on request

Certificates	
MSDS / UN38.3 / CE / RoHS	Available on request

Specifications are subject to change without prior notice. Please confirm details with SafeLith before ordering. Storage: keep in a cool, dry place; recharge every 3 months if long stored.