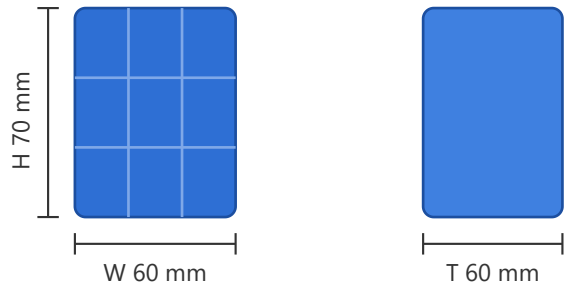


Lithium-ion Battery Pack

Product Datasheet · Model: 18650-3S3P · 11.1 V · 6000 mAh · 3S3P · with protective PCM board



Product photo — 18650 3S3P 6000 mAh Battery Pack (as pictured)



Pack dimensions (9 × 18650 cells, estimated) — not to scale

Drawing of battery pack (T×W×H)

Model: PPG 18650-3S3P 3S3P 6000 mAh 11.1 V (66.6 Wh)

Custom Battery Manufacturer

Electrical Characteristics	
Nominal Capacity	6000 mAh (0.2C, 2.75 V/cell cut-off)
Nominal Voltage	11.1 V
Energy	66.6 Wh
AC Impedance	≤ 40 mΩ (pack, after assembly, estimated)
Cycle Life	≥ 500 cycles @0.2C/0.2C (≥ 80% capacity)
Self Discharge Rate	≤ 3% per month @25 °C

Mechanical Characteristics	
Cell Configuration	9 × 18650 Li-ion cell (3S3P), 2000 mAh / 3.7 V each
Typical Weight	approx. 440 g (estimated)
Dimensions (T×W×H)	60 × 60 × 70 mm (estimated)
Wire	Black PVC-jacketed cable with strain relief
Connector	DC5521 male plug (as pictured); others on request

Typical Applications

Energy Storage

Portable Power

Remote Control Robots

Backup Power

Instruments & Meters

Lighting

Charging & Discharge Characteristic	
Standard Charge Current	1200 mA (0.2C)
Max. Continuous Charge Current	3000 mA (0.5C)
Charge Cut-off Voltage	12.6 V
Standard Discharge Current	1200 mA (0.2C)
Max. Continuous Discharge Current	3000 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
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.