

Illustrative render generated from published specifications

18.4 × 64.85 mm
47 g

BAK N18650COP

BAK

18650 NMC

MOOCH-TESTED · 30 A



Live page & updates

2,500 mAh CAPACITY	30 A MOOCH CONTINUOUS	3.6 V NOMINAL · 2.5 – 4.2 V	9 Wh ENERGY · 191.49 WH/KG </
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IDENTITY		PHYSICAL			
Manufacturer	BAK	Diameter	18.4 mm		
Model	N18650COP	Length	64.85 mm		
Format	18650	Weight	47 g		
Chemistry	NMC	ELECTRICAL			
Terminal	Flat top				
Protection	Unprotected				
OPERATING TEMPERATURE					
Charging	0				

CHARGING

Rate	Current	Estimated Time to Full
0.5C	1,250 mA	~2h 00m
1C	2,500 mA	~1h 00m

Constant-current phase only. Real charge time runs longer because of the constant-voltage taper at the end.

SERIES PACK CONFIGURATIONS

Voltages calculated from this cell's own nominal and maximum charge voltage. The 3P columns show one common parallel count as a worked example — scale the parallel group to the capacity you need.

Series	Nominal	Fully Charged	Cells at 3P	Capacity
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SIMILAR CELLS

Same format and chemistry, within ± 500 mAh.

CELL	MAH	CONTINUOUS	WH	WEIGHT	WH/KG
BAK N18650COP (this cell)	2,500	30 A	9	47 g	191
LG LGABD11865	3,000	5.8 A	11.3	48.5 g	232
LG LGDBD11865	3,000	5.8 A			