



## 18650-26A Li-ion Battery

CAB 18650-26A offers the high C-rate and suitable energy for high power applications combined with long cycle life. It is ideal for wide range of applications including Solar Lamp, Light battery, Smart home, Electric tool battery, Medical equipment battery and any high power devices.

**Li-ion**

Rechargeable cell

**18650**

Cylindrical cell

**2600mAh**

Capacity

**3.65V**

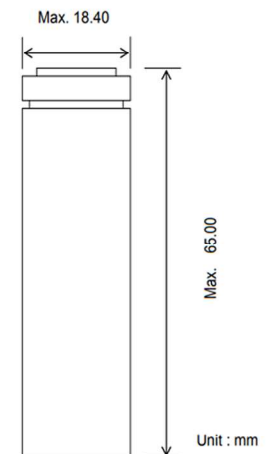
Nominal Voltage

**15A**

Max continuous current

**20A**

Max pulse current

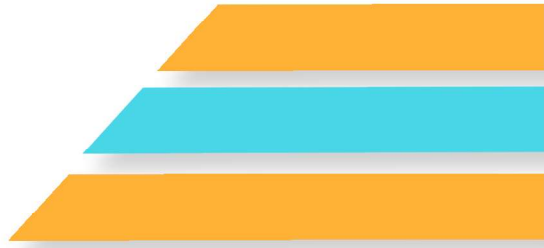


## CELL CHARACTERISTICS

ITEM		SPECIFICATION
<b>CELL CHARACTERISTICS</b>		
Capacity	Normal capacity	2600 mAh by Standard charge and discharge
	Minimum capacity	2500 mAh by Standard charge and discharge
Normal voltage		3.65 V
Charge cut-off voltage		4.20 V
Discharge cut-off voltage		2.75 V
Standard charge		CCCV, 0.5C up to 4.2V , 0.05C cut-off
Charging time		Standard charge: 180 min / Rapid charge: 50 min
Max discharge current		15A (25°C , not for cycle life) , 80% @ 250 cycle
Cycle life		+0.5C/-1C 80%@1000 cycle +0.5C/-10A 80%@300 cycle +0.5C/-13A 80%@250 cycle
Storage temperature		1 year: -20~25°C 3 months: -20~45°C 1 month: -20~60°C
Humidity range		0~70% RH (non-condensing)
Internal resistance		≤25 mΩ (AC Impedance, 1000Hz)
Weight		≤47g

## TECHNICAL CONDITIONS

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Relative capacity in High-Low temperature Discharge performance	60°C	≥ 82%
	55°C	≥ 90%
	45°C	≥ 93%
	25°C	100%
	0°C	≥ 80%
	-10°C	≥ 75%
	-20°C	≥ 70%
Charge temperature	0 ~ 50°C	
Discharge temperature	-20 ~ 60°C	
Relative capacity in discharge rate	0.2C	100%
	0.5C	≥ 98%
	1C	≥ 96%
	8A	≥ 94%
	13A	≥ 92%



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