



## 21700-T50 Li-ion Battery

CAB 21700-T50 designed for high usable energy density combined with a longer cycle life at broad operating temperatures. it is ideal for wide range of applications including Battery and special for Electric Vehicles(BEVs), Plug in Hybrid Electric Vehicles(PHEV) and Light Comertial Vehicles(LCV).

**Li-ion**

Rechargeable cell

**21700**

Cylindrical cell

**4800mAh**

Capacity

**3.65V**

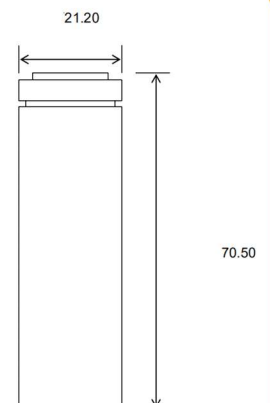
Nominal Voltage

**19A**

Max discharge current

**10A**

Max charge current



## CELL CHARACTERISTICS

ITEM		SPECIFICATION
<b>CELL CHARACTERISTICS</b>		
Capacity	Normal capacity	4800 mAh by Standard charge and discharge
	Minimum capacity	4750 mAh by Standard charge and discharge
Normal voltage		3.65 V
Charge cut-off voltage		4.20 V
Discharge cut-off voltage		2.50 V
Max charge current		10A (25°C , not for cycle life)
Max discharge current		19A (25°C , not for cycle life)
Storage temperature		1 year: -20~25°C
		3 months: -20~45°C
		1 month: -20~60°C
Humidity range		0~60% RH (non-condensing)
Internal resistance		≤17mΩ (AC Impedance, 1000Hz)
Weight		≤75g

## TECHNICAL CONDITIONS

TECHNICAL CONDITIONS		
Relative capacity in High-Low temperature Discharge performance	25°C	100%
	60°C	≥ 95%
	45°C	≥ 95%
	10°C	≥ 88%
	0°C	≥ 85%
	-10°C	≥ 75%
	-20°C	≥ 70%
Charge temperature	0 ~ 45°C	
Discharge temperature	-20 ~ 60°C	
Relative capacity in discharge rate	0.2C	100%
	0.5C	≥ 95%
	1C	≥ 95%
	2C	≥ 88%
	3C	≥ 85%



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