



電動輔助自行車

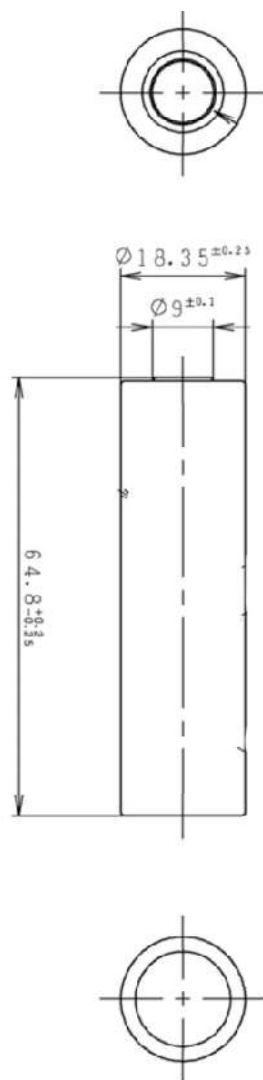
簡介

以蓄電池組為主要能源的輕便交通工具，外觀與腳踏車，屬摩托化自行車的一種，車種還帶有腳踏板、鏈條和煞車系統，可以用人力作為輔助動力（稱為電動輔助單車/自行車）。

規格

- 參考規格、依實際需由可調整
- 類別:Cylindrical
- 標稱電壓:36V
- 標稱容量:12000-15000mAh
- 構成:10S4P





Item		Specifications	Notes
1 Rated Capacity	4.20V-2.5V Charge	3300 mAh	0.67A discharge at 20°C
	4.15V-2.5V Charge* ¹	3190 mAh	
	4.20V-2.8V Charge	3230 mAh	
	4.05V-2.8V Charge* ¹	2630 mAh	
2 Capacity (Minimum)	4.20V-2.5V Charge	3350 mAh	0.67A discharge at 25°C
	4.15V-2.5V Charge* ¹	3235 mAh	
	4.20V-2.8V Charge	3270 mAh	
	4.05V-2.8V Charge* ¹	2670 mAh	
3 Capacity (Typical)	4.20V-2.5V Charge	3450 mAh	Reference only
	4.15V-2.5V Charge* ¹	3360 mAh	
	4.20V-2.8V Charge	3370 mAh	
	4.05V-2.8V Charge* ¹	2750 mAh	
4 Nominal Voltage		3.6 V	0.67A discharge
5 Discharging End Voltage		2.5 V	
6 Charging Current	Low temp.	0.838 A or less	0 ~ +10°C
	Std. temp.	1.675 A or less	+10 ~ +45°C
7 Charging Voltage	4.20V Charge	4.20 ± 0.03 V	
	4.15V Charge* ¹	4.15 ± 0.03 V	
8 Charging Time (Std.)		4 hours	
9 Continuous Discharge Current (Max.) * ^{2,4}		8.0 A	0 ~ +40°C
10 Internal Resistance		less than 100 mΩ	AC impedance 1 kHz
11 Weight		less than 49.5 g	
12 Operating Temperature	Charge	0 ~ +45°C	
	Discharge	-20 ~ +60°C	
	Storage	-20 ~ +50°C	
13 Storage Conditions (State of Shipment)	less than 1 month	-20 ~ +50°C	Recoverable Capacity: 80% * ³
	less than 3 months	-20 ~ +40°C	
	less than 1 year	-20 ~ +20°C	

1 Rated Capacity ¹⁾	By Std. charge/discharge	Nom. 3200mAh Min. 3100 mAh
2 Nominal Voltage	Average by Std. charge/discharge	3.70V
3 Shipping Cell Voltage	At ex-factory state.	Approx. SOC30%
4 Standard Charge ²⁾	Charging mode CC : Constant current (1C=3100mA) CV : Constant voltage End Current (Cut off) Charging time (for one complete full charge)	CC/CV 0.5C (1,550mA) 4.20V 50mA 3h
5 Max. Charge Voltage	In all measurements and operations of the cell, the maximum allowable closed circuit voltage shall not exceed the following value	4.20V
6 Max. Charge Current	0 ~ 10℃ (Atmosphere)	0.5C (1,550mA)
	10 ~ 50℃ (Atmosphere)	1.0C (3,100mA)
7 Standard Discharge	Discharging mode CC : Constant current End Voltage(Cut off)	CC 0.2C (620mA) 2.50V
8 Min. Discharge Voltage	In all measurements and operations of the cell, the minimum allowable closed circuit voltage shall not be	2.50V
9 Max. Discharge Current ³⁾	-20 ~ 10℃	0.5C(1,550mA)
	10 ~ 25℃	6.0A(6,000mA)
	25 ~ 60℃	1.5C(4,650mA)
	0 ~ 60℃	10A(10,000mA) (Peak current under 10 sec)

