



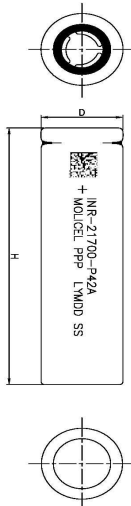
LITHIUM-ION RECHARGEABLE BATTERY

PRODUCT DATA SHEET
MODEL INR-21700-P42A

CELL CHARACTERISTICS

Capacity	Typical	4200 mAh 15.5 Wh
	Minimum	4000 mAh 14.7 Wh
Cell Voltage	Nominal	3.6 V
	Charge	4.2 V
	Discharge	2.5 V
Charge Current	Standard	4.2 A
Charge Time	Standard	1.5 hr
Discharge Current	Continuous	45 A
Typical Impedance	AC (1 KHz)	10 mΩ
	DC (10A/1s)	16 mΩ
Temperature	Charge	0°C to 45°C
	Discharge	-40°C to 60°C
Energy Density	Volumetric	615 Wh/l
	Gravimetric	230 Wh/kg

PHYSICAL CHARACTERISTICS

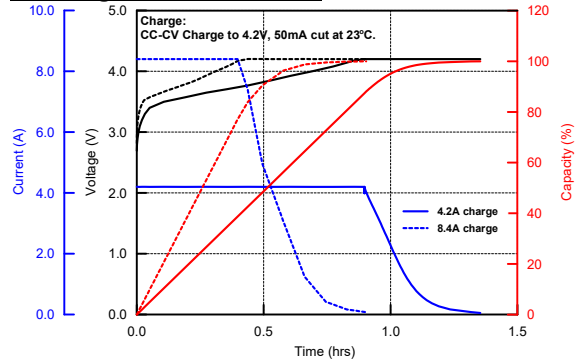


Shape	Cylindrical
Can	Steel
Diameter	21.7 mm (Max)
Height	70.2 mm (Max)
Weight	70 g (Max)

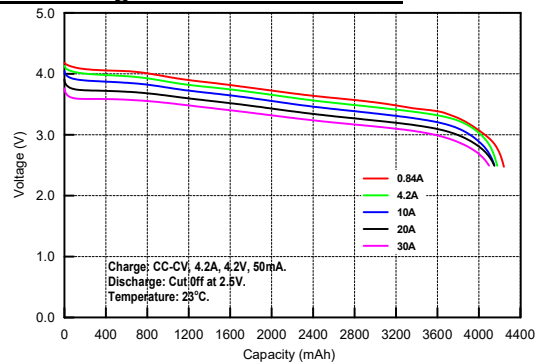
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For application specific information, please contact E-One Moli Energy Sales and Applications or the nearest MOLICEL® recognized agent.

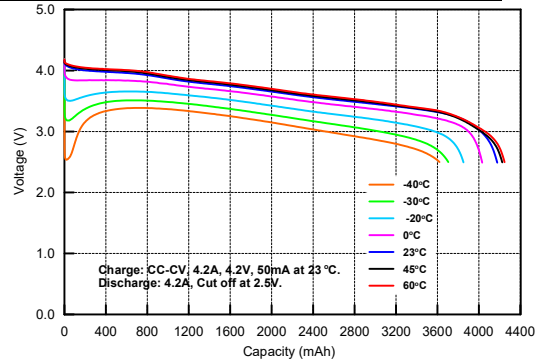
Charge Characteristics



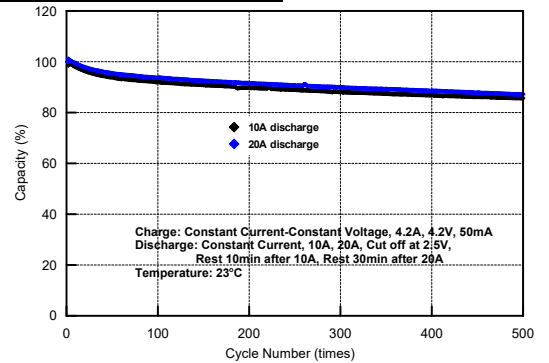
Discharge Rate Characteristics



Discharge Temperature Characteristics



Cycle Characteristics



Taiwan Facility
10 Dali 2nd Rd., Shan-Hwa,
Tainan City, Taiwan, R.O.C.
Tel: 886-6-505-0666
Fax: 886-6-505-0777
<mailto:service@molice.com>
<http://www.molice.com>

Canada Facility
20 000 Stewart Crescent
Maple Ridge, BC, Canada, V2X 9E7
Tel: 1-604-466-6654
Fax: 1-604-466-6600
<mailto:molice@molice.com>
<http://www.molice.com>

Headquarters
10F, 113, Sec.2, Zhung Shan N Rd.,
Taipei, Taiwan, R.O.C.
Tel: 886-2-2567-3500
Fax: 886-2-2567-6500