



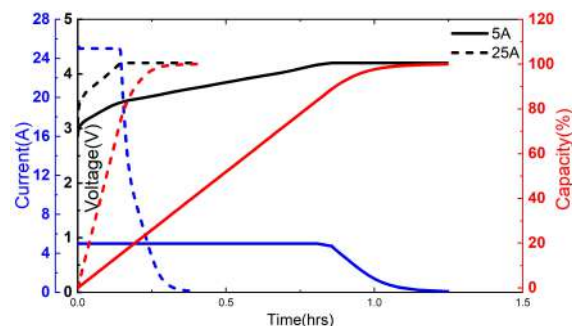
LITHIUM-ION RECHARGEABLE BATTERY

PRODUCT DATA SHEET MODEL **INR-21700-P50B**

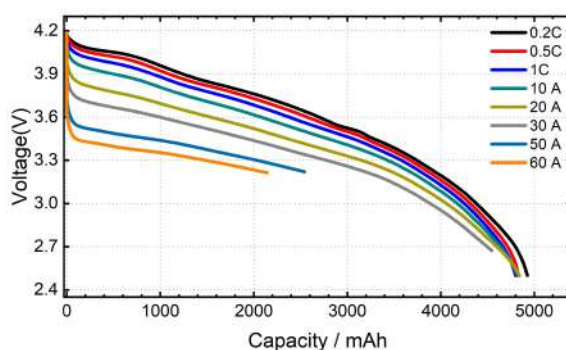
■ CELL CHARACTERISTICS

Capacity	Typical	5000 mAh
		18.0 Wh
	Minimum	4850 mAh
		17.5 Wh
Cell Voltage	Nominal	3.6 V
	Charge	4.2 V
	Discharge	2.5 V
Charge Current (70°C cut-off)	Standard	5.0 A
	Maximum	25 A
Charge Time	Standard	1.5 hr
Discharge Current (80°C cut-off)	Continuous	60 A
Ambient Temperature	Charge	-20°C to 60°C
	Discharge	-40°C to 60°C
Energy Density	Volumetric	714 Wh/l
	Gravimetric	260 Wh/kg
Typical Impedance	AC (30%SOC)	6.5 mΩ
	DC (50%SOC)	12.8 mΩ

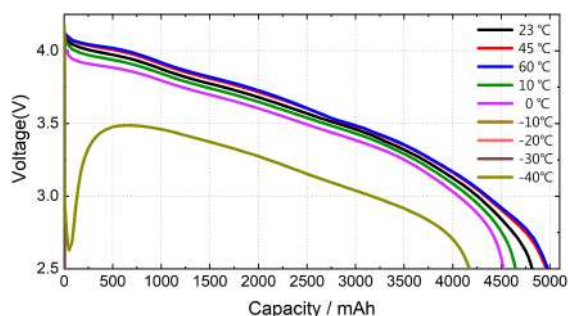
■ Charge Characteristics



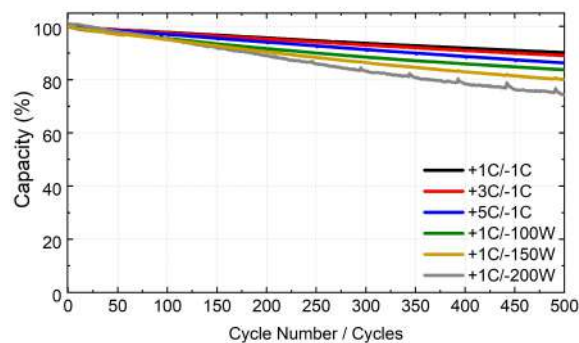
■ Discharge Rate Characteristics



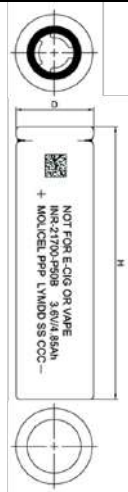
■ Discharge Temperature Characteristics



■ Cycle Characteristics



■ PHYSICAL CHARACTERISTICS



Shape	Cylindrical
Can	Steel
Diameter	21.55 mm (Max)
Height	70.15 mm (Max)
Weight	71 g (Max)

The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice. This product is not designed or produced for use in any vape or e-cigarette devices.

For application specific information, please contact E-One Moli Energy Sales and Applications or the nearest MOLICEL® recognized agent.
Version 1.1

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

■ Headquarters
10F, 113, Sec.2, Zhong Shan N Rd.,
Taipei, Taiwan, R.O.C.
Tel: 886-2-2567-3500
Fax: 886-2-2567-6500
Mail to: service@molice.com
<http://www.molice.com>