



## LITHIUM-ION RECHARGEABLE BATTERY

## PRODUCT DATA SHEET MODEL **INR-21700-P45B**

### ■ CELL CHARACTERISTICS

Capacity	Typical	4500 mAh 16.2 Wh
	Minimum	4300 mAh 15.5 Wh
Cell Voltage	Nominal	3.6 V
	Charge	4.2 V
	Discharge	2.5 V
Charge Current	Standard	4.5 A
	Maximum	13.5 A (70°C cut-off)
Charge Time	Standard	1.5 hr
Discharge Current	Continuous	45 A (80°C cut-off)
Temperature	Charge	0°C to 60°C
	Discharge	-40°C to 60°C
Energy Density	Volumetric	643 Wh/l
	Gravimetric	242 Wh/kg
Typical Impedance	AC (30%SOC)	7 mΩ
	DC (50%SOC)	15 mΩ

### ■ PHYSICAL CHARACTERISTICS



Shape	Cylindrical
Can	Steel
Diameter	21.55 mm (Max)
Height	70.15 mm (Max)
Weight	70 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 prohibited for use in and shall not be sold for use in e-cigarettes, vaporizers (e-cig, vape, mod) or any applications not permitted in MoliceL product specifications and MoliceL terms and conditions (<https://www.moliceL.com/terms-and-conditions/>).

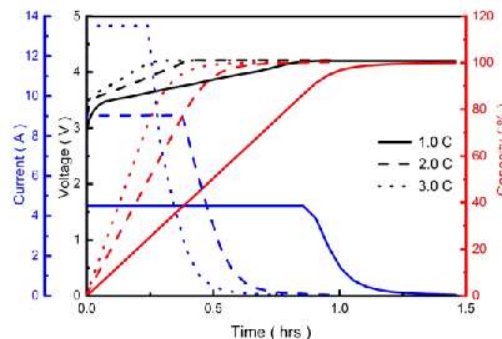
Version 1.4

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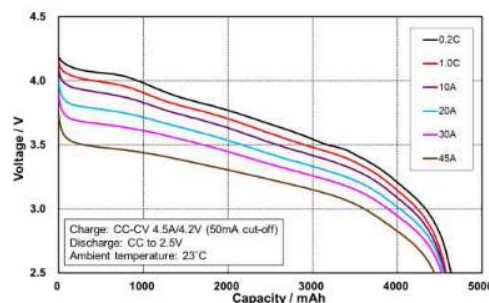
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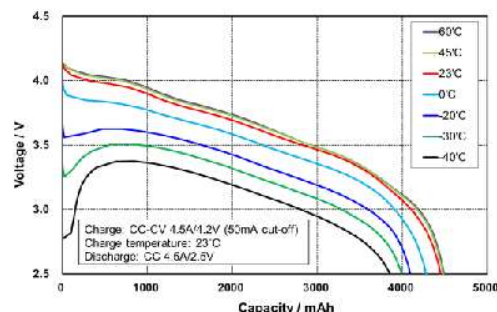
### ■ Charge Characteristics



### ■ Discharge Rate Characteristics



### ■ Discharge Temperature Characteristics



### ■ Cycle Characteristics

