

Spec. No.	ICR18650-26	Version No.	0.0
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## 1. Scope

This product specification has been prepared to specify the rechargeable lithium-ion cell ('cell') to be supplied to the customer by Samsung SDI Co., Ltd.

## 2. Description and Model

2.1 Description            Cell (lithium-ion rechargeable cell)

2.2 Model                    [ICR18650-26](#)

## 3. Nominal Specifications

Item	Specification
3.1 Nominal Capacity	2600mAh (0.2C, 2.75V discharge)
3.2 Minimum Capacity	2550mAh(0.2C, 2.75V discharge)
3.3 Charging Voltage	4.2 ± 0.05 V
3.4 Nominal Voltage	3.7V
3.5 Charging Method	CC-CV (constant voltage with limited current)
3.6 Charging Current	Standard charge: 1300mA Rapid charge : 2600mA
3.7 Charging Time	Standard charge : 3hours Rapid charge : 2.5hours
3.8 Max. Charge Current	2600mA(ambient temperature 25℃)
3.9 Max. Discharge Current	5200mA(ambient temperature 25℃)
3.10 Discharge Cut-off Voltage	2.75V
3.11 Cell Weight	47.0g max
3.12 Cell Dimension	Height : 65.00mm max Diameter : 18.40mm max
3.13 Operating Temperature	Charge : 0 to 45℃ Discharge: -20 to 60℃
3.14 Storage Temperature	1 year    : -20~25℃ (1*) 3 months : -20~45℃ (1*) 1 month  : -20~60℃ (1*)

Note (1): If the cell is kept as ex-factory status (50% of charge),  
the capacity recovery rate is more than 80%.

Spec. No.	INR18650-35E	Version No.	Ver. 1.1
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## 1. Scope

This product specification has been prepared to specify the rechargeable lithium-ion cell ('cell') to be supplied to the customer by Samsung SDI Co., Ltd.

## 2. Description and Model

- 2.1 Description            Cell (lithium-ion rechargeable cell)  
 2.2 Model                    **INR18650-35E**

## 3. Nominal Specifications

Item	Specification
3.1 Standard discharge Capacity	Min 3,350mAh - Charge : 0.5C(1,700mA), 4.2V, 0.02C(68mA) cut-off @RT - Discharge : 0.2C(680mA), 2.65V cut-off @RT *1C=3,400mA
3.2 Charging Voltage	4.2V
3.3 Nominal Voltage	3.60V
3.4 Charging Method	CC-CV (constant voltage with limited current)
3.5 Charging Current	Standard charge: 1,700mA
3.6 Charging Time	Standard charge: 4hours
3.7 Max. Charge Current	2,000mA (not for cycle life)
3.8 Max. Discharge Current	8,000mA (for continuous discharge) 13,000mA (not for continuous discharge)
3.9 Discharge Cut-off Voltage	2.65V
3.10 Cell Weight	50 g max
3.11 Cell Dimension	Height : Max. 65.25 mm Diameter: Max. $\Phi$ 18.55 mm
3.12 Operating Temperature (Cell Surface Temperature)	Charge : 0 to 45°C Discharge : -10 to 60°C
3.13 Storage Temperature	1 year : -20~25°C (1*) 3 months : -20~45°C (1*) 1 month : -20~60°C (1*)

Note (1): If the cell is kept as ex-factory status (30% of charge),  
 The capacity recovery rate is more than 80%.