



*Safer Vaping*

---

# PRODUCT SPECIFICATIONS

---

**Product Description** Li-ion rechargeable cylindrical battery cell 18650

**Product Full Name** EnerCig EC-GA

**Model** EC-GA

---



## Contents

Application Scope.....	2
Model.....	2
Dimensions.....	2
Major Technical Specifications .....	3
Safety Instructions .....	4



## Safer Vaping

### Application Scope

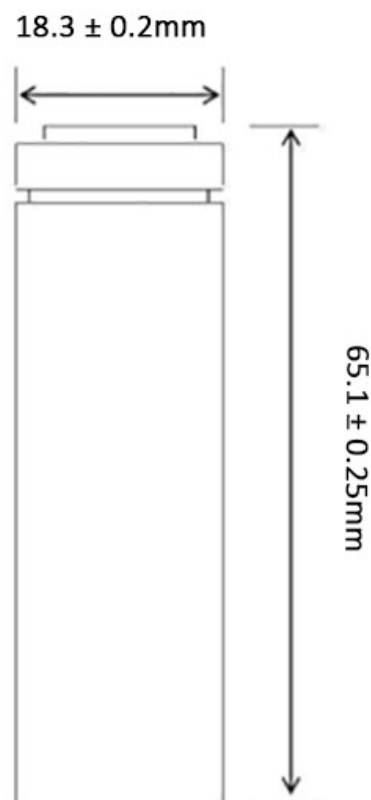
This product specification describes product performance indicators of Li-Ion battery from EnerCig.

### Model

EC-GA

### Dimensions

Item	Dimension (mm)
H	$65.1 \pm 0.25$
$\Phi$	$18.3 \pm 0.2$





## Safer Vaping

### Major Technical Specifications

Item	Specification		
	As per Manufacturer	Self-Measured Rating*	
<b>Typical Capacity</b>	3450mAh	Not yet tested!	
<b>Minimum Capacity</b>	3350mAh (0.67A discharge at 25°C)		
<b>Nominal Voltage</b>	3.6V (0.67A discharge)		
<b>End-of-Discharge Voltage</b>	2.5V		
<b>Standard Charge Current</b>	1.675A		
<b>Charge Voltage</b>	4.20 ± 0.03V		
<b>Charging Time</b>	4 hours		
<b>Continuous Maximal Charge Current</b>	2.5A 1C		
<b>Continuous Discharge Current (max.)</b>	10A (at 0 ~ +40°C)		
<b>Internal Resistance</b>	Less than 38mΩ (AC impedance 1 kHz)		
<b>Weight</b>	Less than 49.5 g.		
<b>Operating Temperature</b>	Charging		10°C ~ +45°C
	Discharging		20°C ~ +60°C
<b>Storage Conditions</b>	less than 1 month		-20 ~ +50°C
	less than 3 month		-20 ~ +40°C
	less than 1 year		-20 ~ +20°C
<b>Storage Humidity</b>	≤ 75% RH		

\* Tests are conducted by Battery Mooch: [Blog](#) | [Facebook Page](#)



## *Safer Vaping*

### Safety Instructions

Please pay attention to followings in case of battery will have leakage, heat etc.

- Do not immerse the battery in water or seawater, and keep the battery in a cool dry surrounding if it stands by.
- Do not use or leave the battery at high temperature as fire or heater. Otherwise, it can overheat or fire or its performance will be degenerate and its service life will be decreased.
- Do not reverse the position and negative terminals.
- Do not connect the battery electrodes to an electrical outlet.
- Do not short circuit. Otherwise it will cause serious damage to the battery.
- Do not transport or store the battery together with metal objects such as hairpins, necklaces, etc.
- Do not strike, trample, throw, drop and shock the battery.
- Do not directly solder the battery and pierce the battery with a nail or other sharp objects.
- Do not use the battery in a location where static electricity and magnetic field is great, otherwise, the safety devices may be damaged, causing hidden trouble of safety.
- Use the battery charger specifically when recharging.
- If the battery leaks and the electrolyte gets into the eyes, do not rub the eyes, instead, rinse the eyes with clean water, and immediately seek medical attention. Otherwise, it may injure eyes.
- If the battery gives off strange odor, generates heat, becomes discolored or deformed, or in any way appears abnormal during use, recharging or storage, immediately stop charging, using, and remove it from the device.
- In case the battery terminals are dirty, clean the terminals with a dry cloth before use. Otherwise poor performance may occur due to the poor connection with the instrument.
- Tape the discarded battery terminals to insulate them.