Safer Vaping

PRODUCT DATA SHEET

Product Description	Li-ion rechargeable cylindrical battery cell 18650
Product Full Name	EnerCig EC-28M
Model	EC-28M

Distributed by: HUB Electronics Markgrafen Str. 7, D-10969 Berlin, Germany
www.enercig.com | Tel: +49 (0) 173 912 9137 | sales@enercig.com

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Contents

Important Notice

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.

Application Scope

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

Model Name

EC-28M

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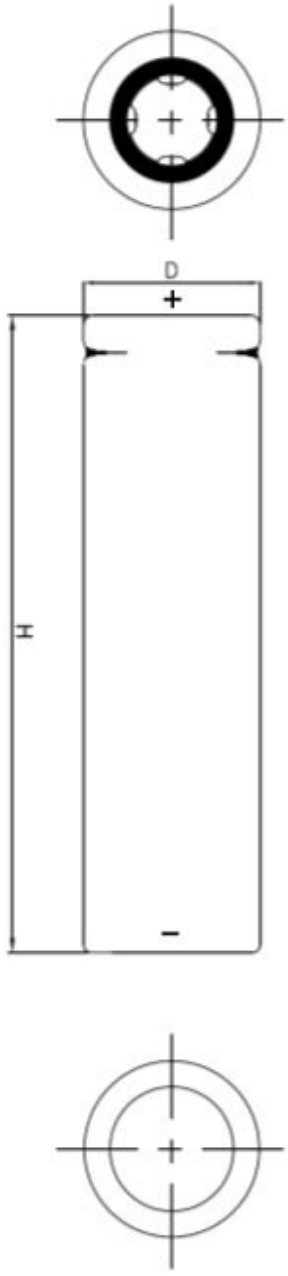
Physical Characteristics



Shape	Cylindrical
Can	Steel
Height	65.2 (max)
Diameter	18.6 (max)
Weight	46 g (typical)

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Technical Characteristics

Item		Specification	
		As per Manufacturer	**Self-Measured Rating***
Typical Capacity		2800mAh	
Power		10.3Wh	
Voltage	**Nominal**	3.6V	
	Charge	4.2V	
	Discharge	2.5V	
Charge Current	**Standard**	2.8A	
	Maximum	6.0A	
Charge Time	**Standard**	1.5 hours	
Discharge Current	**Maximum**	35A	28A
Internal Resistance	**AC (1 Khz)**	20 mΩ (Max)	
	DC (10A/1s)	20 mΩ (Max)	
Ambient Temperature	**Charge**	0°C to 60°C	
	Discharge	-40°C to 60°C	
Energy Density	**Volumetric**	610 Wh/l	
	Gravimetric	220 Wh/kg	

* Tests were conducted by Mooch: Blog | Facebook Page

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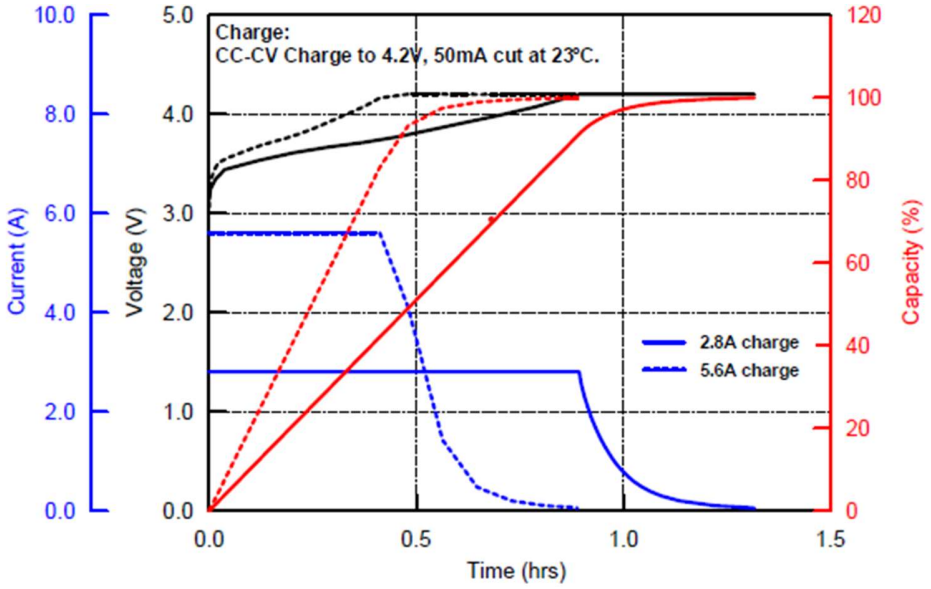
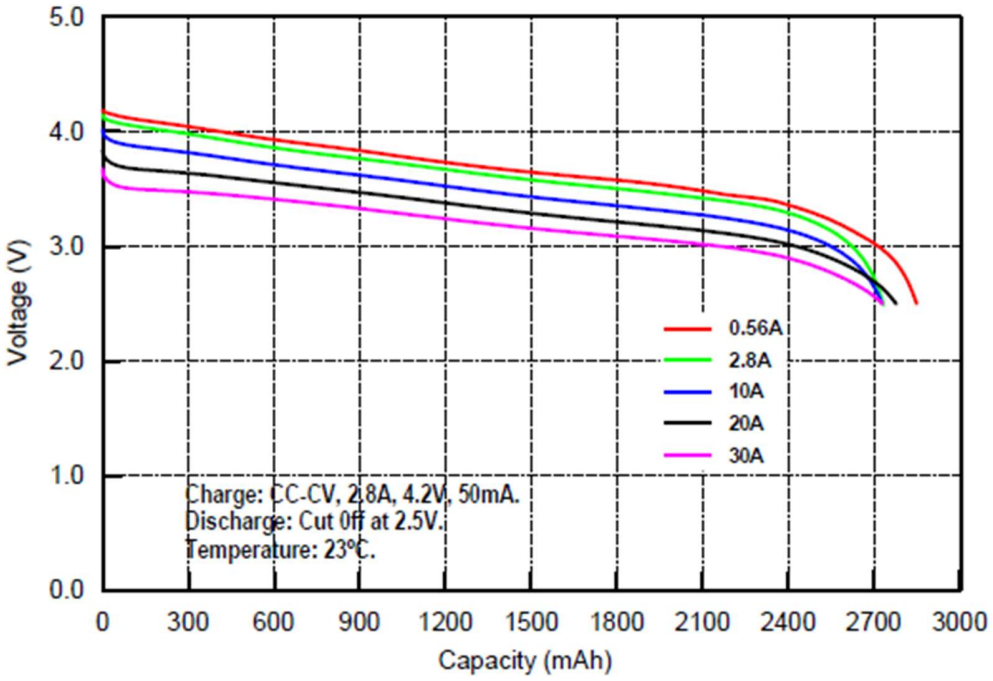
Charge Characteristics



Discharge Rate Characteristics



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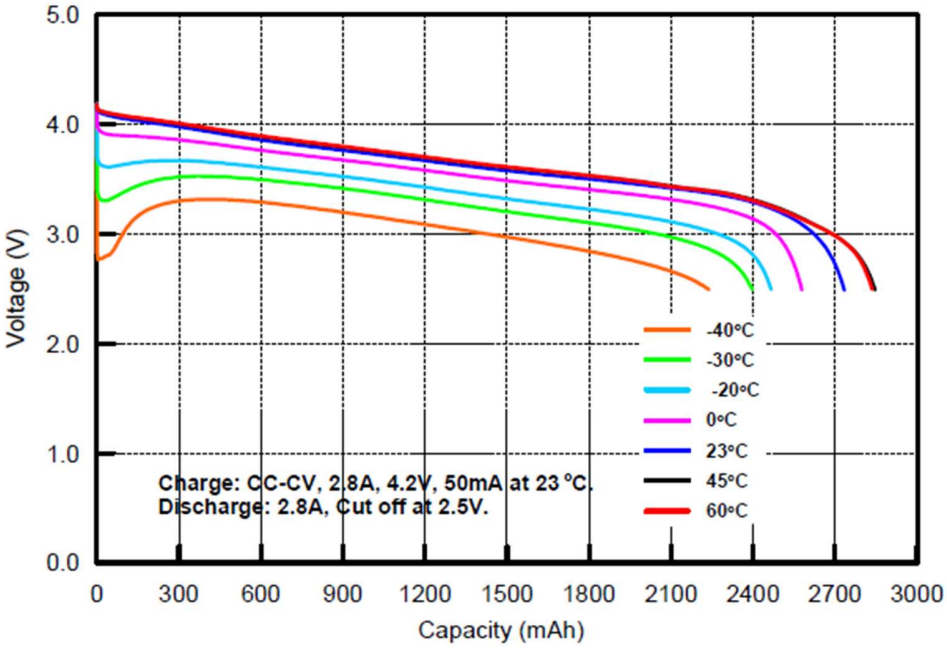
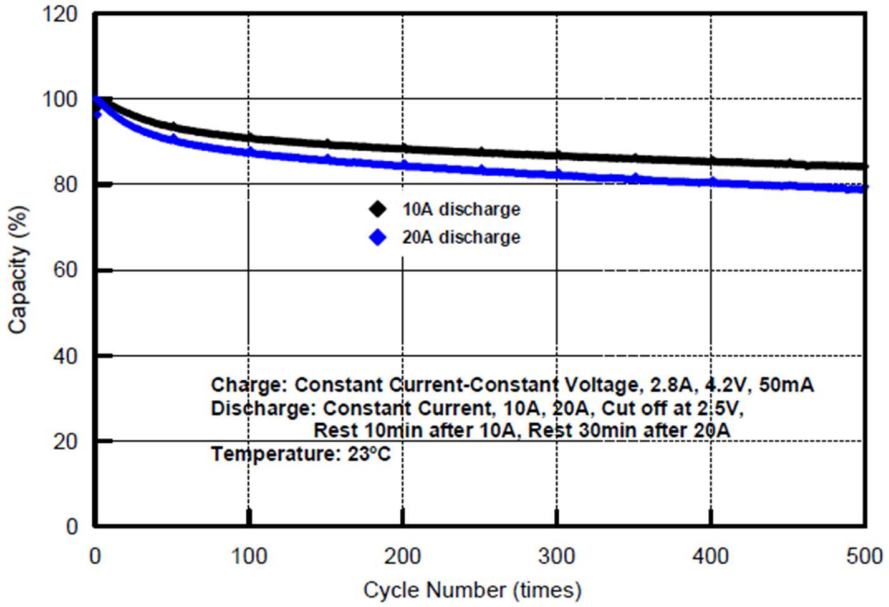
Discharge Temperature Characteristics



Cycle Characteristics



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Safety Instructions

Please pay attention to followings in case the battery has 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.