

**DATASHEET for EnerCera® ET2016C-R Sample**

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**1. Scope**

This specification has been prepared to specify the major specification of the samples of the rechargeable lithium-ion cell ('Cell') to be supplied to the customer by NGK.

**2. Battery Classification and Model**

- 2.1 Battery Classification: Rechargeable lithium ion battery
- 2.2 Battery Model Name: ET2016C-R

**3. Major Specifications**

All values are for references only.

Item	Value	
3.1	Operating Voltage	2.7~1.5V
3.2	Nominal Capacity (Standard Charge)	25.0mAh
3.3	Minimum Capacity (Standard Charge)	23.0mAh
3.4	Nominal Voltage	2.3V
3.5	1CmA	25mA
3.6	Standard Charge	CV (Constant Voltage) Voltage:2.7V Cut-off current : 0.02CmA (@25°C)
3.7	Max. Charge Current	No limit
3.8	Cell Weight	Less than 3g
3.9	Cell Diameter	Φ20.0mm (Not including terminals)
3.10	Cell thickness	Approx. 1.8mm (Not including terminals)

**4. Outgoing Quality Inspection (“OQI”)**

The OQI conducted by NGK and the criterion shall be as follows;

Diameter (Not including terminals)	20.0+/-0.2mm
Thickness	2.05+0.2/-0.1mm
Capacity*1	Min 23mAh
Open Circuit Voltage*2	2.58+/-0.1V

\*1...Charging Capacity

\*2...OCV@SOC100%

**5. Notice**

The detailed specification, including the characteristic, complied standards, cautions and warranty conditions, shall be issued by the mass-production. Until the detailed specification is issued, this Datasheet shall apply.

NGK shall only have a limited responsibility to samples and products supplied under this Datasheet.

NGK shall warrant that the Cell has conformed to the above provided OQI. This warranty shall be effective for one (1) year from shipment from NGK or its affiliates or until any modification, assemble or disassemble is made to the Cell by Customer or any third party, whichever comes earlier. NGK will, as a condition of warranty provided in this section and remedy to Customer, replace the defective Cell, at its sole discretion, free of charge, which have not confirmed the condition by reasons attributable to NGK, and this shall be the sole and exclusive remedy for any defect.

Notwithstanding anything contrary herein contained, NGK's total overall liability for damages occurred in connection with the Cell whether in tort or in contract is limited to the price of the Cell which caused such damage.

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