

DATASHEET for EnerCera® ET382704P-H 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: ET382704P-H

3. Major Specifications

All values are for references only.

| Item | Value | |
|------|---|--|
| 3.1 | Operating Voltage | 2.7 to 1.5V |
| 3.2 | Nominal Capacity (Standard Charge/Discharge) | 20mAh |
| 3.3 | Minimum Capacity (Standard Charge/Discharge) | 18mAh |
| 3.4 | Nominal Voltage | 2.3V |
| 3.5 | 1CmA | 20mA |
| 3.6 | Standard Charge | CV (Constant Voltage) Voltage:2.7V Cut-off current : 0.2CmA (@25°C) |
| 3.7 | Standard Discharge | CC(Constant Current) Current : 2CmA Cut-off Voltage : 1.5V (@25°C) |
| 3.8 | Cell Weight | Approx. 1.0g |
| 3.9 | Cell Dimension | 38mm×27mm×0.45mmt |

4. Outgoing Quality Inspection (“OQI”)

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

| | |
|----------------------|--------------|
| Outer Width | 27.0+/-0.5mm |
| Outer Length | 38.0+/-0.5mm |
| Thickness | Max 0.45mm |
| Open Circuit Voltage | Max 2.40V |
| Capacity | Min 18mAh |

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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