

DATASHEET for EnerCera® EC382704P-Hr 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: EC382704P-Hr

3. Major Specifications

All values are for references only.

Item		Value
3.1	Operating Voltage	4.2 to 3.0V
3.2	Nominal Capacity (Standard Charge/Discharge)	20mAh
3.3	Minimum Capacity (Standard Charge/Discharge)	18mAh
3.4	Nominal Voltage	3.8V
3.5	1CmA	20mA
3.6	Standard Charge	CC-CV (Constant Current & Constant Voltage) Current : 0.5CmA / Voltage:4.2V Cut-off current : 0.05CmA (@25°C)
3.7	Standard Discharge	CC(Constant Current) Current : 0.5CmA Cut-off Voltage : 3.0V (@25°C)
3.8	Cell Weight	Less than 1g
3.9	Cell Dimension	38mm × 27mm × 0.45mmt