

MP 176065 ise
Rechargeable Li-ion cell

3.65 V high energy Li-ion cell with high performance and **intrinsic safety**

1. *Staphylococcus aureus* (Staph aureus)
 2. *Staphylococcus epidermidis* (Staph epidermidis)
 3. *Staphylococcus saprophyticus* (Staph saprophyticus)
 4. *Staphylococcus carnosus* (Staph carnosus)
 5. *Staphylococcus sciuri* (Staph sciuri)
 6. *Staphylococcus hyicus* (Staph hyicus)
 7. *Staphylococcus pasteuri* (Staph pasteuri)
 8. *Staphylococcus saprophilus* (Staph saprophilus)
 9. *Staphylococcus aureus* (Staph aureus)
 10. *Staphylococcus epidermidis* (Staph epidermidis)

1-777-767-7232

- Excellent operating lifetime in cycling with a very stable internal resistance
- Improved cell cycle, comparable with widely known other technologies
- Long cycle life with almost no loss capacity over discharge
- Easy connection and assembly into batteries
- Strong performance in the temperature range from -40°C to 60°C

Exercises

- Long-term storage life (10+ years) - no self-discharge
- Cycle life more than 1000 tested (≥ 2250 expected) cycles at 100% DoD at C/2 discharge, C charge
- Shrinked to 1/3 size
- Temperature extended
- Over-charge, over-discharge protection
- Low maintenance
- Strong corrosion resistance
- Manufactured in the EU

by good -- most all -- or quality,
which are extraordinary standards.

- IEC 60709-1-10 (10.5.2)
- ATEX^(iv) IEC 60079-11 (10.5.2, 10.5.3) compatible component
- CE mark approval
for EMC compatibility purposes
- mounting plate 55° angle Kell-Flex
or PU bonding

Local - globally -

- computer-aided early diagnosis
- early diagnosis
- imaging
- risk factor assessment
- management, advice, referral
- patient education



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Isotropy group $\mathcal{H}_\alpha$ of $\alpha \in \mathcal{O}^{\text{reg}}$	$\mathcal{H}_\alpha \cong \mathcal{H}_\beta$
Stabilizer of α	$\mathcal{H}_\alpha \cong \mathcal{H}_\beta$
Stabilizer of α	$\mathcal{H}_\alpha \cong \mathcal{H}_\beta$
Isotropy group of α in $\mathcal{H}_\alpha$	$\mathcal{H}_\alpha \cong \mathcal{H}_\beta$

for a child's life.

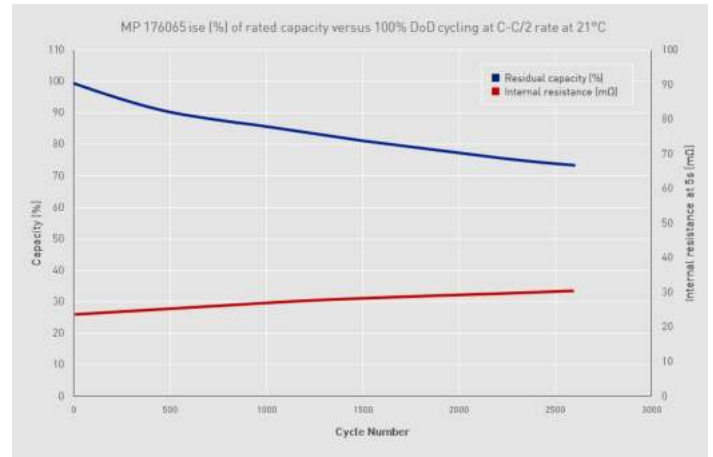
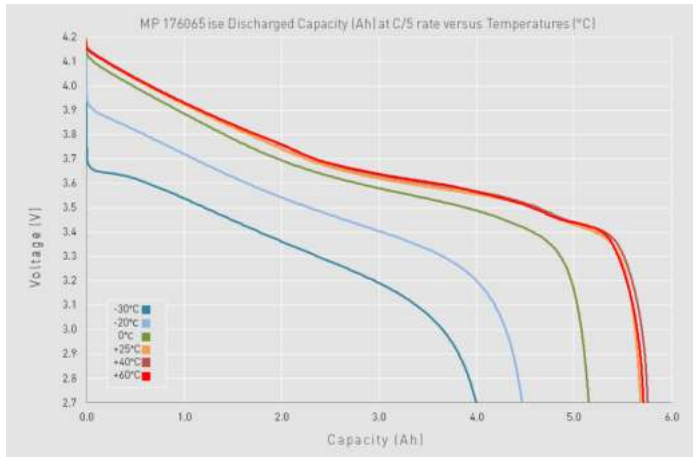
[illegible]

• roll-coiling

Is the $\mathcal{L}_2$ loss convex?	Is $\mathcal{L}_2$ convex?	
Controlling the bias	Convex	Controlling the bias/controlling the variance
Controlling variance		$\Delta^2 + 1/\lambda^2$ or Δ^2
Regularization, hyperparameter control		$\Delta^2 + 1/\lambda^2$ or Δ^2
Controlling the performance	Convex	Δ^2 or $\Delta^2 + 1/\lambda^2$
	Logconvex	Δ^2 or $\Delta^2 + 1/\lambda^2$
Global $\mathcal{L}_2$ loss controlling the performance	non-convex	$\Delta^2 + 1/\lambda^2$ or Δ^2
	quasi-convex	Δ^2 or $\Delta^2 + 1/\lambda^2$

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1. The following information is provided for the year ended 31 December 2014:



Electrolyte

- The electrolyte is a mixture of organic solvents and electrolyte salt dissolved in the solvent to provide proper ionic conductivity.
- The battery system is designed to have discharge temperature range, therefore, electrolyte is improved to increase the operating temperature.
- Degradation of electrolyte is negligible at the normal operating conditions.

Cell surface temperature rise and spark ignition

- The cell can be in contact with the surrounding glass separator, which is ambient temperature or 60°C.
- The temperature of cell can rise up to 100°C during the process of short circuit. In this case, the separator is not in contact with the cell.
- The spark ignition risk has been fully studied in the process of product design. Safety operation is further enhanced by the design.

Shorting

- The shorting current is determined by properties of the separator, electrolyte and separator adhesion on the separator, therefore, the shorting current is less than 3A at 100% state of charge.

Welding

- The strength of the internal electrode is determined by material and condition of the electrode.
- The welding is not possible under normal conditions.

Thermal conductivity

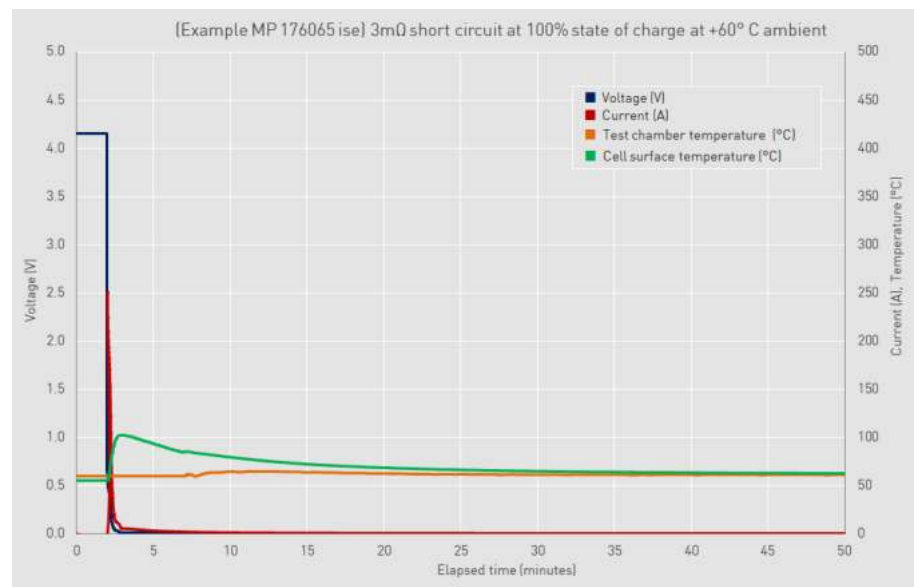
High thermal conductivity	1.5 °C/m
High thermal conductivity	1.5 °C/m
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Thermal conductivity

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High thermal conductivity	1.5 °C/m



Soft

SAFT is a leading manufacturer of high-performance lithium-ion batteries for automotive and industrial applications. The company's products are designed to provide reliable power in demanding environments.

SAFT American, Inc.

SAFT American, Inc. is a subsidiary of SAFT Group, a global leader in lithium-ion battery technology. The company offers a wide range of battery solutions for various applications.

SAFT Group

SAFT Group is a global leader in lithium-ion battery technology, with a strong presence in the automotive and industrial sectors. The company's products are known for their high performance and reliability.

