

For Customer

Changeover of the brand indication after the transfer

Regarding cylindrical type primary lithium batteries that are now delivered to your company, we would like to inform below.

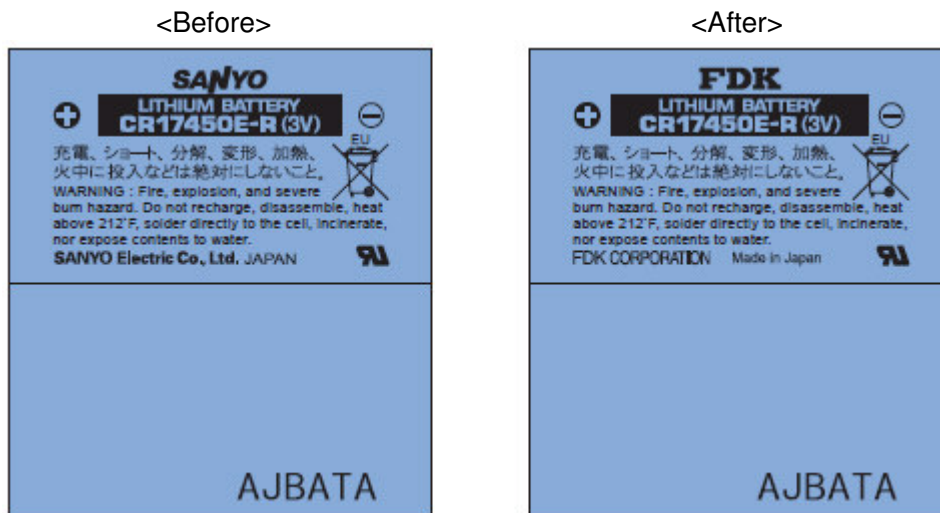
1. Objective Model

All cylindrical type primary lithium batteries

2. Changes

1) The brand indication on the batteries are changed "SANYO" to "FDK".

(Below figure shows the change of a representative model.)



2) The indication of production country on the batteries are changed "JAPAN" to "Made in Japan".

3. Reason for change

- 1) Business Transition of Lithium from Sanyo to FDK
- 2) Clear and precise indication of production country

4. Changeover time

Basically, production will start on 1st / April.

Date: Nov. 26 2009

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Manager
SANYO Energy Tottori Co., Ltd.
Technical CS Management Department
System Design Section

高出力円筒形リチウム一次電池 (レーザ溶接封口方式)

High-power Cylindrical Type Primary Lithium Batteries (Laser-sealing)

<Model>

CR17335E-R	CR17335E-N
CR17335E-R(C)	CR17450E-N
CR17450E-R	CR17450HE-N
CR17335HE-R	



(E-R series)



(HE-Rseries)



(E-N series)



(HE-Nseries)

EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

The label for the SANYO CR17335E-R(3V) battery is divided into two horizontal sections. The top section has a light blue background and contains the SANYO logo with a plus sign on the left and a minus sign on the right. Below the logo is a black rectangular box with the word "LASER" in orange, flanked by horizontal lines, and the word "Lithium" in a larger, bold, orange font. Underneath this box, the text "LITHIUM BATTERY CR17335E-R(3V)" is written in black, followed by the AJBATA logo and the name "AJBATA". The bottom section has a white background and contains a warning in English: "WARNING: Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water." Below the warning is the SANYO logo with a plus sign on the left and a minus sign on the right, followed by "SANYO Electric Co., Ltd. JAPAN" and "CR17335E-R(3V)". At the bottom, there are two lines of Japanese text: "火中に投入、充電、ショート、分解は絶対にしないで下さい。"

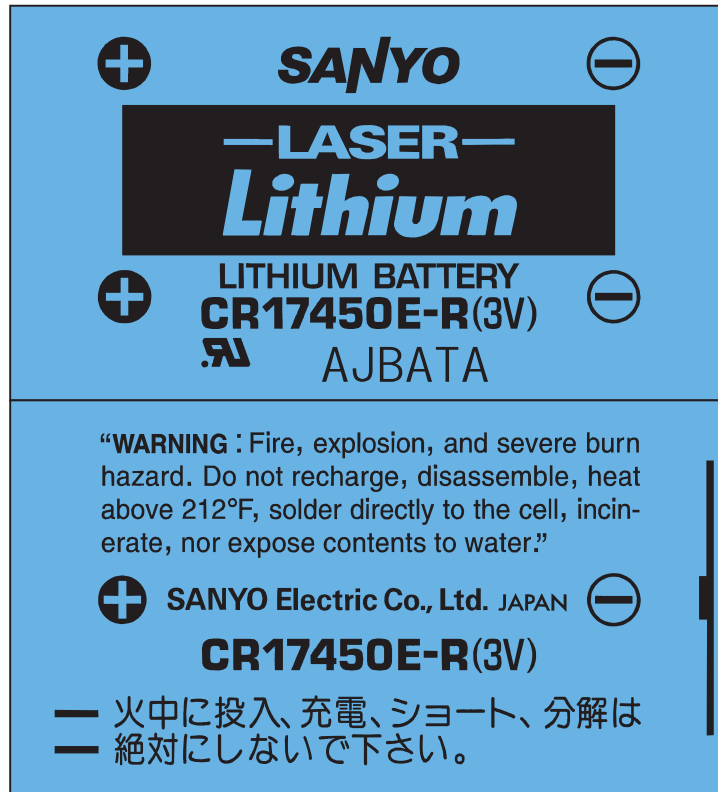
新規デザイン (FDK)
New Design(FDK)

The label for the FDK CR17335E-R(3V) battery is divided into two horizontal sections. The top section has a light blue background and contains the FDK logo with a plus sign on the left and a minus sign on the right. Below the logo is a black rectangular box with the word "LASER" in orange, flanked by horizontal lines, and the word "Lithium" in a larger, bold, orange font. Underneath this box, the text "LITHIUM BATTERY CR17335E-R(3V)" is written in black, followed by the AJBATA logo and the name "AJBATA". The bottom section has a white background and contains a warning in English: "WARNING: Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water." Below the warning is the FDK logo with a plus sign on the left and a minus sign on the right, followed by "FDK CORPORATION Made in Japan" and "CR17335E-R(3V)". At the bottom, there are two lines of Japanese text: "火中に投入、充電、ショート、分解は絶対にしないで下さい。"

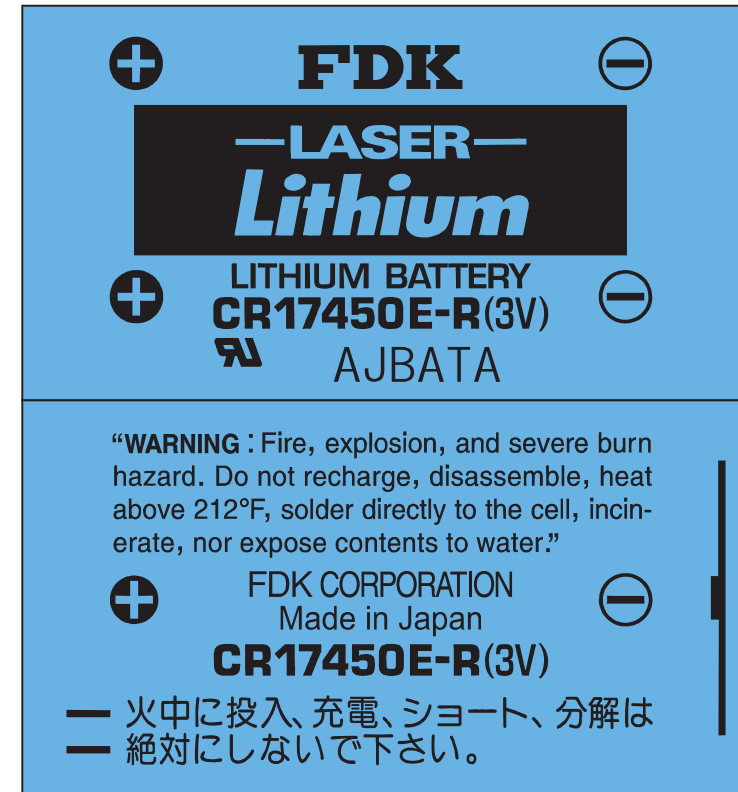
EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17450E-R (3V)

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

SANYO Electric Co., Ltd. JAPAN

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EU

AJBATA

新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17450E-R (3V)

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

FDK CORPORATION Made in Japan

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EU

AJBATA

EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

The label for the Sanyo CR17335HE-R(3V) battery is divided into two horizontal sections. The top section is pink and contains the Sanyo logo, a black box with 'LASER' and 'Lithium' in white, 'LITHIUM BATTERY', the model number 'CR17335HE-R(3V)', and the AJBATA logo. The bottom section is white and contains a warning in English and Japanese, the manufacturer name 'SANYO Electric Co., Ltd. JAPAN', and the model number.

⊕ SANYO ⊖

—LASER—
Lithium

LITHIUM BATTERY
⊕ CR17335HE-R(3V) ⊖
AJBATA

“WARNING: Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.”

⊕ SANYO Electric Co., Ltd. JAPAN ⊖
CR17335HE-R(3V)

— 火中に投入、充電、ショート、分解は絶対にしないで下さい。

新規デザイン (FDK)
New Design(FDK)

The label for the FDK CR17335HE-R(3V) battery is divided into two horizontal sections. The top section is pink and contains the FDK logo, a black box with 'LASER' and 'Lithium' in white, 'LITHIUM BATTERY', the model number 'CR17335HE-R(3V)', and the AJBATA logo. The bottom section is white and contains a warning in English and Japanese, the manufacturer name 'FDK CORPORATION Made in Japan', and the model number.

⊕ FDK ⊖

—LASER—
Lithium

LITHIUM BATTERY
⊕ CR17335HE-R(3V) ⊖
AJBATA

“WARNING: Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.”

⊕ FDK CORPORATION ⊖
Made in Japan
CR17335HE-R(3V)

— 火中に投入、充電、ショート、分解は絶対にしないで下さい。

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17335HE-R(3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

SANYO Electric Co.,Ltd. JAPAN

新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17335HE-R(3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

FDK CORPORATION
Made in Japan

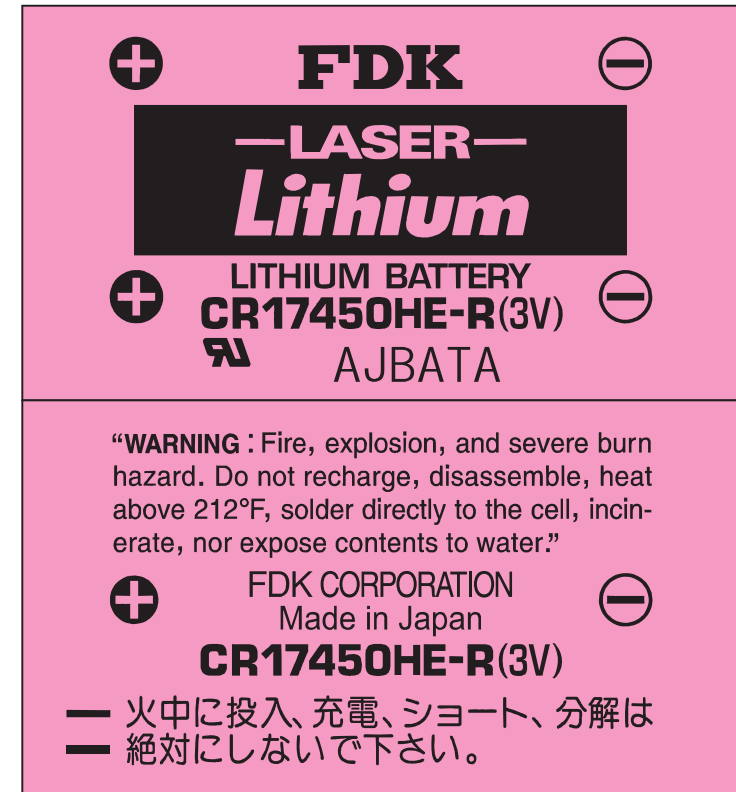
EU規制非対応ラベル

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現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

<p>SANYO</p> <p>+ LITHIUM BATTERY CR17450HE-R(3V) -</p> <p>充電、ショート、分解、変形、加熱、 火中に投入などは絶対にしないこと。 WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.</p> <p>SANYO Electric Co., Ltd. JAPAN </p> 
<p>AJBATA</p>

新規デザイン (FDK)
New Design(FDK)

<p>FDK</p> <p>+ LITHIUM BATTERY CR17450HE-R(3V) -</p> <p>充電、ショート、分解、変形、加熱、 火中に投入などは絶対にしないこと。 WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.</p> <p>FDK CORPORATION Made in Japan </p> 
<p>AJBATA</p>

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO

LITHIUM BATTERY
CR17335E-N (3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

SANYO Electric Co.,Ltd. JAPAN

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新規デザイン (FDK)
New Design(FDK)

FDK

LITHIUM BATTERY
CR17335E-N (3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

FDK CORPORATION
Made in Japan

⊖   ⊕

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17450E-N (3V)

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

SANYO Electric Co., Ltd. JAPAN

EU

AJBATA

新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17450E-N (3V)

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

FDK CORPORATION Made in Japan

EU

AJBATA

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17450HE-N(3V)

⊖ ⊕

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

EU 

SANYO Electric Co., Ltd. JAPAN 

AJBATA

新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17450HE-N(3V)

⊖ ⊕

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

EU 

FDK CORPORATION Made in Japan 

AJBATA

高出力円筒形リチウム一次電池 (クリンプ封口方式)

High-power Cylindrical Type Primary Lithium Batteries
(Crimp-sealing)

<Model>

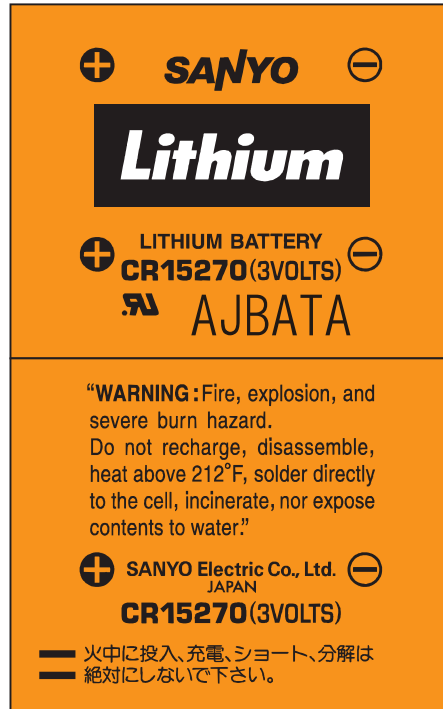
CR15270

CR17335

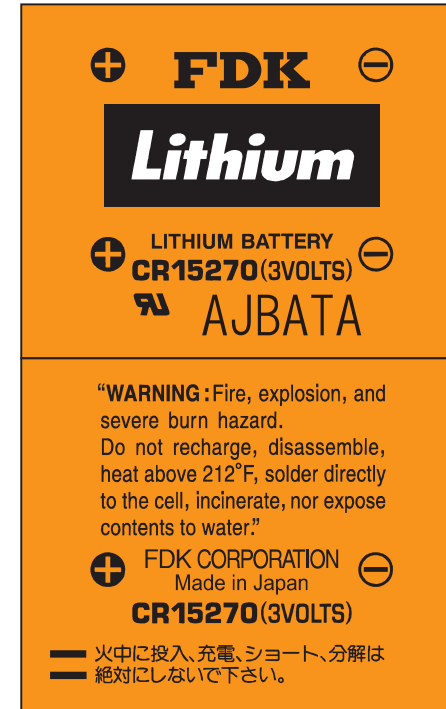
EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17335 (3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.
SANYO Electric Co.,Ltd. JAPAN

⊕   ⊖

新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17335 (3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.
FDK CORPORATION
Made in Japan

⊕   ⊖

高容量円筒形リチウム一次電池 (レーザー溶接封口方式)

High-capacity Cylindrical Type Primary Lithium Batteries
(Laser-sealing)

<Model>

CR12600SE

CR14250SE CR14250SE-R

CR17335SE CR17335SE-R

CR17450SE CR17450SE-R

CR23500SE



(SE series)



(SE-Rseries)

EU規制非対応ラベル

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現行デザイン (SANYO)
Current Design(SANYO)

The label features a black rectangular area on the left containing the text **—LASER—** and **Lithium** in orange. To the right of this area, the **SANYO** logo is displayed in black, followed by the text **LITHIUM BATTERY**, **CR12600SE (3V)**, and the AJBATA logo. The bottom section contains a warning in English and Japanese, the model number **CR12600SE (3V)**, and the manufacturer information **SANYO Electric Co.,Ltd. JAPAN**. Plus and minus signs are located at the top and bottom corners of the label.

新規デザイン (FDK)
New Design(FDK)

The label features a black rectangular area on the left containing the text **—LASER—** and **Lithium** in orange. To the right of this area, the **FDK** logo is displayed in black, followed by the text **LITHIUM BATTERY**, **CR12600SE (3V)**, and the AJBATA logo. The bottom section contains a warning in English and Japanese, the model number **CR12600SE (3V)**, and the manufacturer information **FDK CORPORATION Made in Japan**. Plus and minus signs are located at the top and bottom corners of the label.

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

新規デザイン (FDK)
New Design(FDK)

SANYO **LITHIUM BATTERY**
CR12600SE(3V)

⊕ 充電、ショート、分解、変形、加熱、火中に
投入などは絶対にしないこと。 ⊖

WARNING : Fire, explosion, and severe burn hazard. Do not
recharge, disassemble, heat above 212°F, solder directly to the
cell, incinerate, nor expose contents to water.

SANYO Electric Co.,Ltd. JAPAN  
AJBATA

FDK **LITHIUM BATTERY**
CR12600SE(3V)

⊕ 充電、ショート、分解、変形、加熱、火中に
投入などは絶対にしないこと。 ⊖

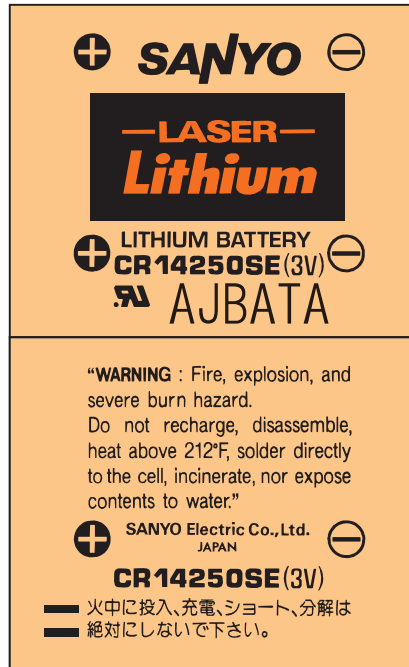
WARNING : Fire, explosion, and severe burn hazard. Do not
recharge, disassemble, heat above 212°F, solder directly to the
cell, incinerate, nor expose contents to water.

FDK CORPORATION Made in Japan  
AJBATA

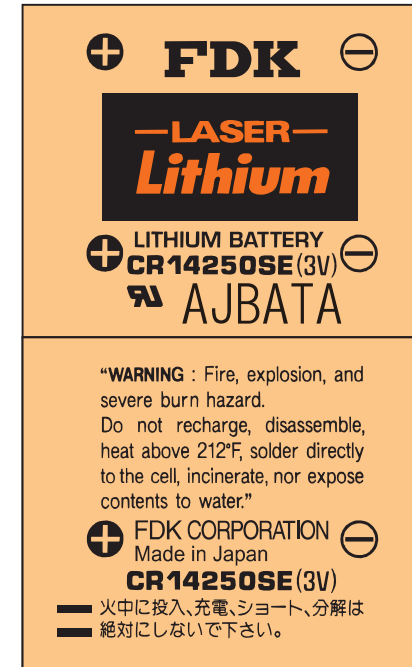
EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17335SE(3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

SANYO Electric Co.,Ltd. JAPAN

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新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17335SE(3V)

充電、ショート、分解、変形、加熱、
火中に投入などは絶対にしないこと。

AJBATA

WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

FDK CORPORATION
Made in Japan

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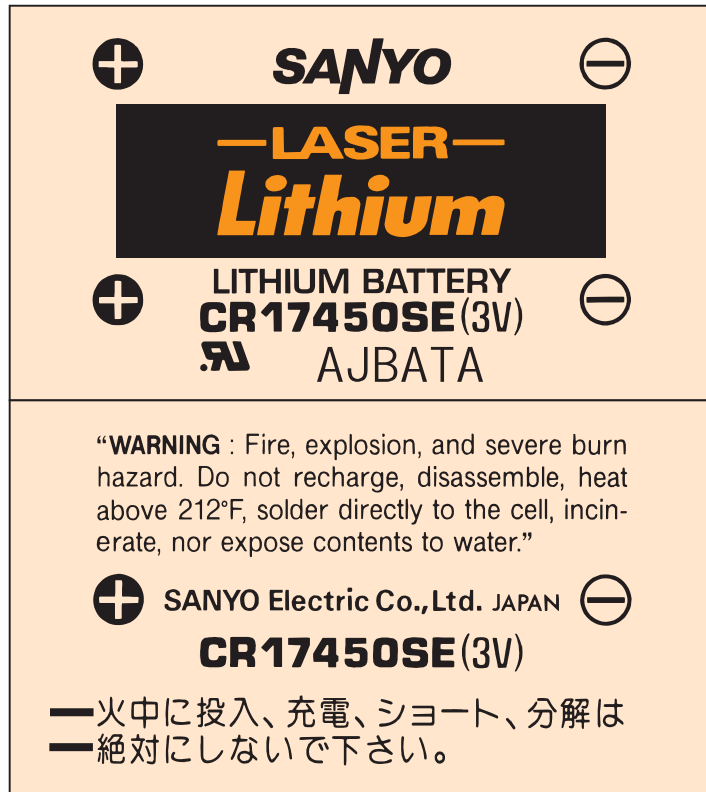
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EU規制非対応ラベル

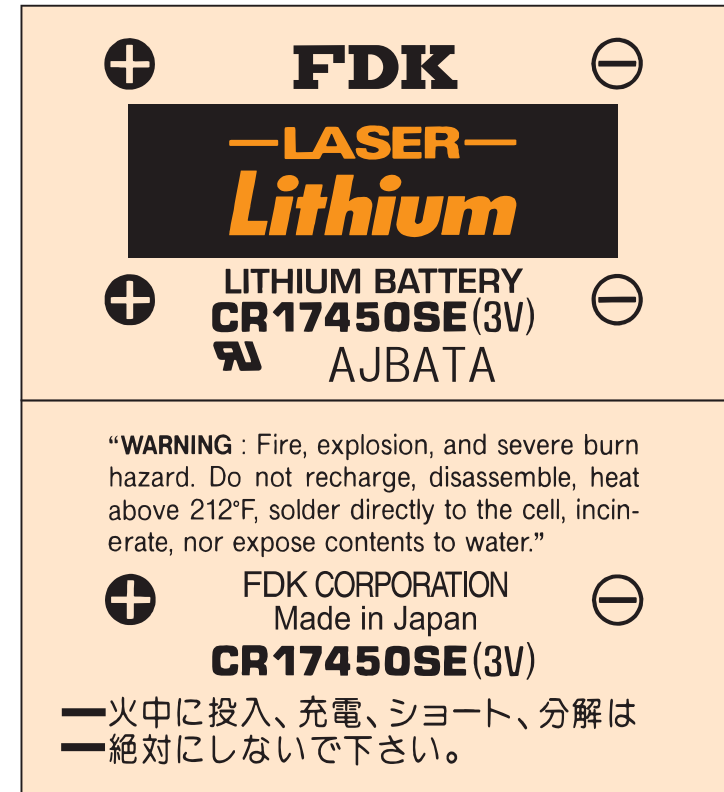
unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



The image shows the current design of a Sanyo CR17450SE (3V) battery label. It is a rectangular label with a light orange background. At the top, there are two circular polarity symbols: a plus sign on the left and a minus sign on the right. In the center, the brand name "SANYO" is printed in bold black letters. Below it, a black rectangular box contains the text "—LASER—" in orange, followed by "Lithium" in a larger, bold, orange font. Underneath the black box, the text "LITHIUM BATTERY" is printed in black, followed by "CR17450SE (3V)" in a larger, bold, black font. Below that, there is a recycling symbol (a triangle with a dot) and the text "AJBATA". At the bottom of the label, there is another set of polarity symbols (plus and minus) and the text "SANYO Electric Co., Ltd. JAPAN" in black, followed by "CR17450SE (3V)" in a larger, bold, black font. Below the label, there is a warning text in English: "WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water." and a Japanese warning: "—火中に投入、充電、ショート、分解は—絶対にしないで下さい。"

新規デザイン (FDK)
New Design(FDK)



The image shows the new design of an FDK CR17450SE (3V) battery label. It is a rectangular label with a light orange background. At the top, there are two circular polarity symbols: a plus sign on the left and a minus sign on the right. In the center, the brand name "FDK" is printed in bold black letters. Below it, a black rectangular box contains the text "—LASER—" in orange, followed by "Lithium" in a larger, bold, orange font. Underneath the black box, the text "LITHIUM BATTERY" is printed in black, followed by "CR17450SE (3V)" in a larger, bold, black font. Below that, there is a recycling symbol (a triangle with a dot) and the text "AJBATA". At the bottom of the label, there is another set of polarity symbols (plus and minus) and the text "FDK CORPORATION" in black, followed by "Made in Japan" in a smaller black font, and "CR17450SE (3V)" in a larger, bold, black font. Below the label, there is a warning text in English: "WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water." and a Japanese warning: "—火中に投入、充電、ショート、分解は—絶対にしないで下さい。"

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

<p>SANYO</p> <p>+ LITHIUM BATTERY CR17450SE (3V) -</p> <p>充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。 WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.</p> <p>SANYO Electric Co., Ltd. JAPAN </p> <p> </p>
<p>AJBATA</p>

新規デザイン (FDK)
New Design(FDK)

<p>FDK</p> <p>+ LITHIUM BATTERY CR17450SE (3V) -</p> <p>充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。 WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.</p> <p>FDK CORPORATION Made in Japan </p> <p> </p>
<p>AJBATA</p>

EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

<p>⊕ SANYO ⊖</p> <p>—LASER— Lithium</p> <p>⊕ LITHIUM BATTERY ⊖ CR23500SE (3V)</p> <p>Ⓜ AJBATA</p>
<p>“WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.”</p> <p>⊕ SANYO Electric Co.,Ltd. JAPAN ⊖ CR23500SE (3V)</p> <p>— 火中に投入、充電、ショート、分解は — 絶対にしないで下さい。</p>

新規デザイン (FDK)
New Design(FDK)

<p>⊕ FDK ⊖</p> <p>—LASER— Lithium</p> <p>⊕ LITHIUM BATTERY ⊖ CR23500SE (3V)</p> <p>Ⓜ AJBATA</p>
<p>“WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.”</p> <p>⊕ FDK CORPORATION Made in Japan ⊖ CR23500SE (3V)</p> <p>— 火中に投入、充電、ショート、分解は — 絶対にしないで下さい。</p>

EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

The label is rectangular with an orange background. At the top, it features a plus sign (+) on the left and a minus sign (-) on the right. The brand name 'SANYO' is centered in a bold, black font. Below this, a black horizontal bar contains the text 'LITHIUM BATTERY' in white and 'CR23500SE (3V)' in a larger, bold, white font. Underneath the bar, there is Japanese text: '充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。' followed by a crossed-out trash bin icon with 'EU' written above it. Below the Japanese text is the English warning: 'WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.' At the bottom left, it says 'SANYO Electric Co., Ltd. JAPAN' and at the bottom right, 'AJBATA' with the RoHS symbol.

新規デザイン (FDK)
New Design(FDK)

The label is rectangular with an orange background. At the top, it features a plus sign (+) on the left and a minus sign (-) on the right. The brand name 'FDK' is centered in a bold, black font. Below this, a black horizontal bar contains the text 'LITHIUM BATTERY' in white and 'CR23500SE (3V)' in a larger, bold, white font. Underneath the bar, there is Japanese text: '充電、ショート、分解、変形、加熱、火中に投入など絶対にしないこと。' followed by a crossed-out trash bin icon with 'EU' written above it. Below the Japanese text is the English warning: 'WARNING : Fire, explosion and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.' At the bottom left, it says 'FDK CORPORATION' and 'Made in Japan' to its right. At the bottom right, it says 'AJBATA' with the RoHS symbol.

EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



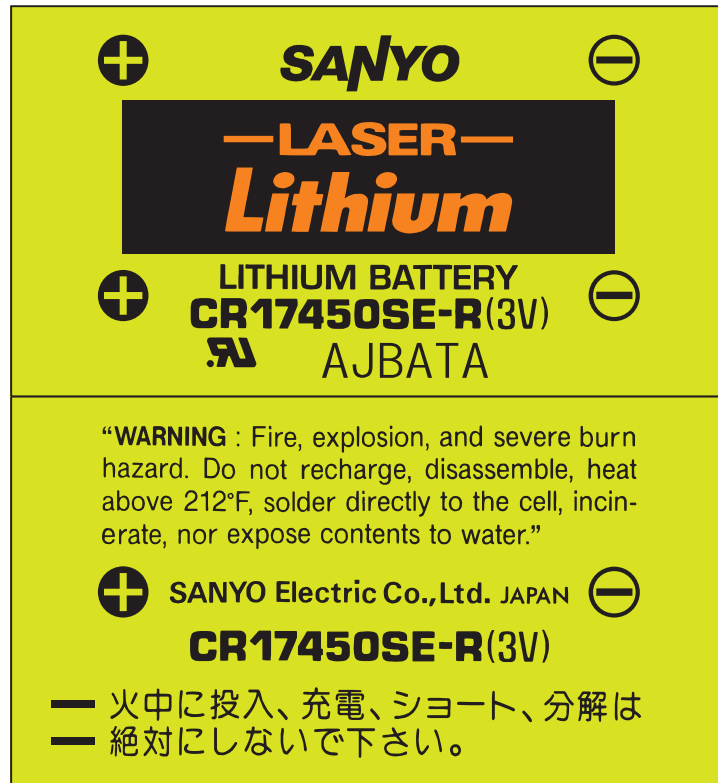
新規デザイン (FDK)
New Design(FDK)



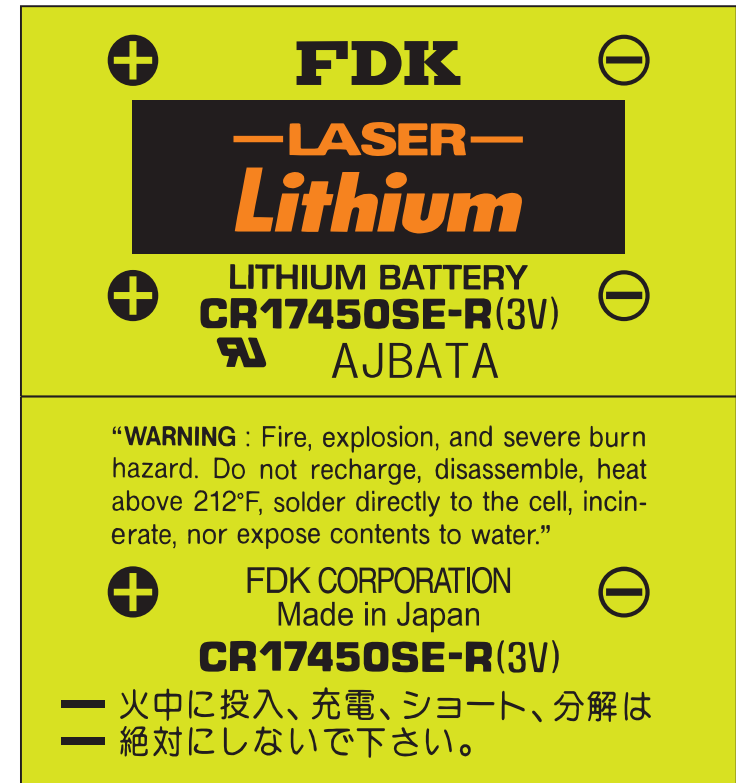
EU規制非対応ラベル

unsupported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)



新規デザイン (FDK)
New Design(FDK)



EU規制対応ラベル

supported EU regulation

現行デザイン (SANYO)
Current Design(SANYO)

SANYO
LITHIUM BATTERY
CR17450SE-R(3V)

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

SANYO Electric Co., Ltd. JAPAN

+

-

EU

Ⓜ

AJBATA

新規デザイン (FDK)
New Design(FDK)

FDK
LITHIUM BATTERY
CR17450SE-R(3V)

充電、ショート、分解、変形、加熱、火中に投入などは絶対にしないこと。
WARNING : Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 212°F, solder directly to the cell, incinerate, nor expose contents to water.

FDK CORPORATION Made in Japan

+

-

EU

Ⓜ

AJBATA

For Customer

Changeover of the brand indication after the transfer

Regarding rechargeable coin type batteries that are now delivered to your company, we would like to inform below.

1. Objective Model

All rechargeable coin type batteries

2. Changes

The brand indication on the batteries are changed "SANYO" to "FDK".

(Below figure shows the change of a representative model.)



3. Reason for change

Business Transition of Lithium from Sanyo to FDK

4. Changeover time

Basically, production will start on 1st / April.

Date: Nov. 26 2009

T. Yamashita

Tetsuya Yamashita
Manager
SANYO Energy Tottori Co., Ltd.
Technical CS Management Department
System Design Section

ハンリフローコイン形二次電池

Rechargeable Coin Type Batteries

<Model>

ML2430	ML421
ML2016	ML414U
ML1220	UT621
ML1220(N)	UT614
ML621U	UT414
ML621N	NBL414
ML614	TL421

Model : ML414U

Current Mark (SANYO)



S:20/1



S:1/1

New Mark (FDK)





S:20/1





S:1/1


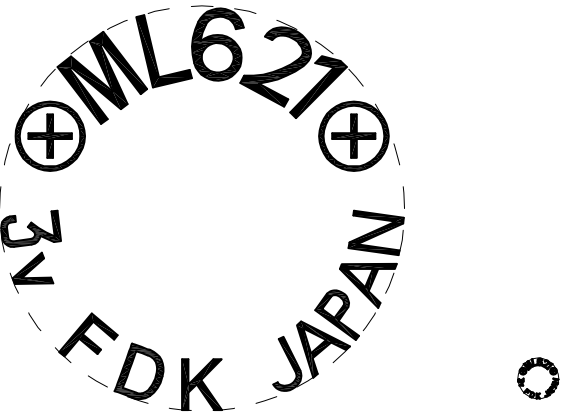
Model : ML421

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="555 1236 638 1268">S:20/1</p> <p data-bbox="900 1236 974 1268">S:1/1</p>	 <p data-bbox="1451 1236 1534 1268">S:20/1</p> <p data-bbox="1792 1236 1865 1268">S:1/1</p>



Model : ML614

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular mark with a dashed border. At the top is the word "SANYO" in a bold, italicized font. Below it are two circles, each containing a plus sign (+). In the center is the model number "ML614". At the bottom, the word "JAPAN" is written in an arc. To the right of the circle is a small circular trademark symbol. Below the main circle, the text "S:10/1" is on the left and "S:1/1" is on the right.</p>	 <p>The diagram shows a circular mark with a dashed border. At the top is the word "FDK" in a bold font. Below it are two circles, each containing a plus sign (+). In the center is the model number "ML614". At the bottom, the word "JAPAN" is written in an arc. To the right of the circle is a small circular trademark symbol. Below the main circle, the text "S:10/1" is on the left and "S:1/1" is on the right.</p>


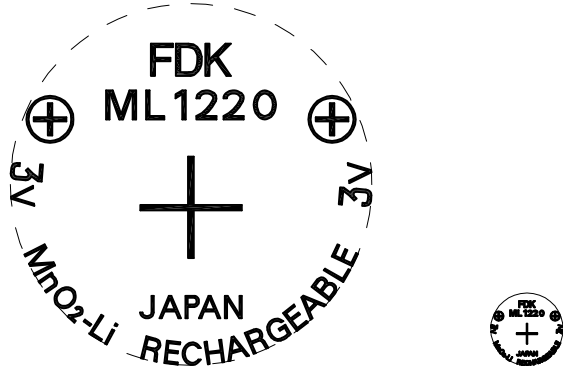
Model : ML621N

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular mark with a dashed outer boundary. The text 'ML621' is at the top, 'SANYO JAPAN' is at the bottom, and '3V' is on the left. Two circles with a plus sign are on the right. Below the main mark is a smaller circle with a plus sign. The text 'S:10/1' is at the bottom left and 'S:1/1' is at the bottom right.</p>	 <p>The diagram shows a circular mark with a dashed outer boundary. The text 'ML621' is at the top, 'FDK JAPAN' is at the bottom, and '3V' is on the left. Two circles with a plus sign are on the right. Below the main mark is a smaller circle with a plus sign. The text 'S:10/1' is at the bottom left and 'S:1/1' is at the bottom right.</p>


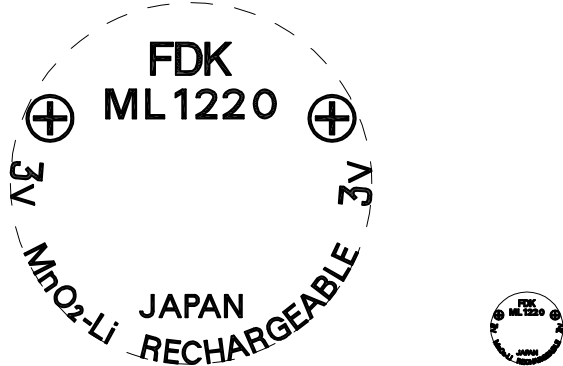
Model : ML621U

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular mark with a dashed border. At the top is the word "SANYO" in bold, italicized letters. Below it are two circles, each containing a plus sign (+). In the center is the model number "ML621". At the bottom is the word "JAPAN" in a stylized font. To the right of the circle is a small circular logo with a globe-like pattern. Below the main circle is the text "S:10/1", and below the small logo is "S:1/1".</p>	 <p>The diagram shows a circular mark with a dashed border. At the top is the word "FDK" in bold letters. Below it are two circles, each containing a plus sign (+). In the center is the model number "ML621". At the bottom is the word "JAPAN" in a stylized font. To the right of the circle is a small circular logo with a globe-like pattern. Below the main circle is the text "S:10/1", and below the small logo is "S:1/1".</p>


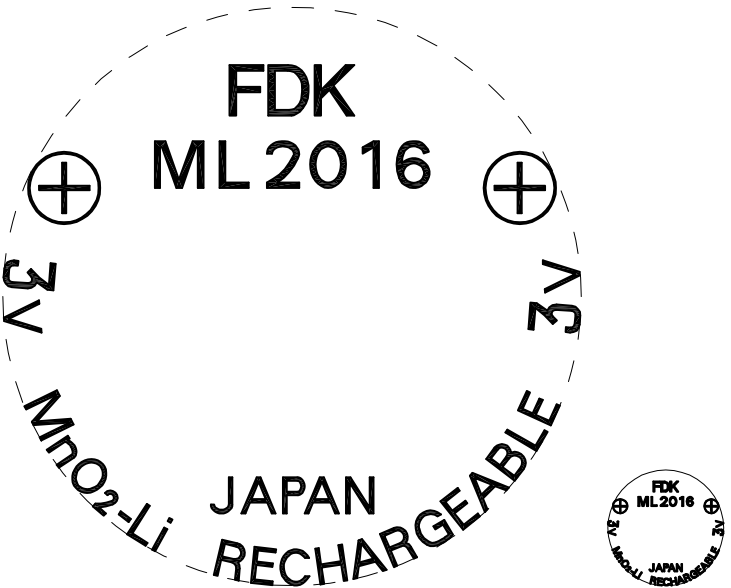
Model : ML1220

Current Mark (SANYO)	New Mark (FDK)
 <p>The image shows the current markings for the Sanyo ML1220 battery. It features a large circular marking with a dashed outer boundary. Inside the circle, the text "SANYO" is at the top, followed by "ML1220". Below this is a large plus sign (+). At the bottom of the circle, it says "JAPAN RECHARGEABLE". On the left and right sides of the circle, there are smaller plus signs (+) and the text "3V". Below the main circle is a smaller circular marking with "SANYO ML1220" and a plus sign (+).</p> <p>S:5/1 S:1/1</p>	 <p>The image shows the new markings for the FDK ML1220 battery. It features a large circular marking with a dashed outer boundary. Inside the circle, the text "FDK" is at the top, followed by "ML1220". Below this is a large plus sign (+). At the bottom of the circle, it says "JAPAN RECHARGEABLE". On the left and right sides of the circle, there are smaller plus signs (+) and the text "3V". Below the main circle is a smaller circular marking with "FDK ML1220" and a plus sign (+).</p> <p>S:5/1 S:1/1</p>

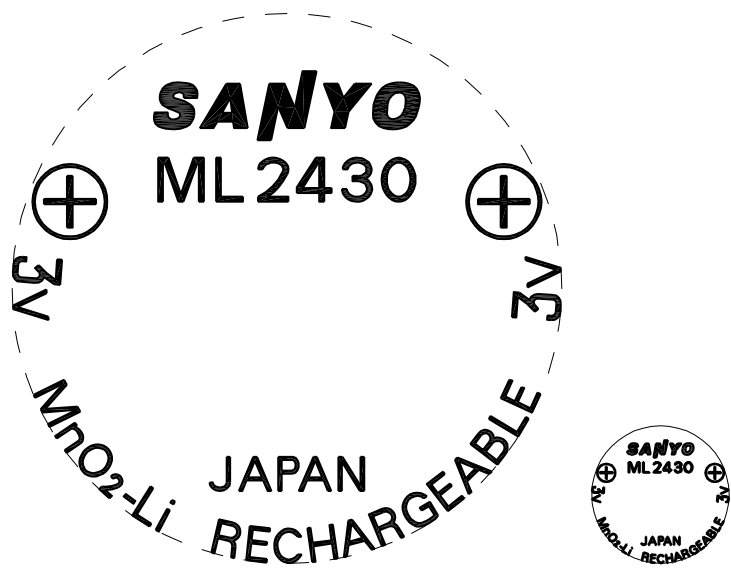
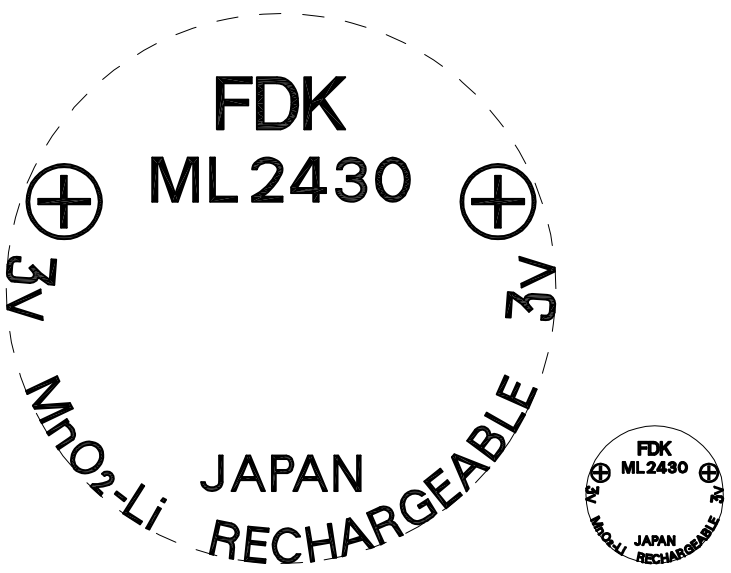
Model : ML1220 (Ni plating)

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows the current marking for the SANYO ML1220 battery. It features a large circular marking with a dashed outer boundary. Inside the circle, the text "SANYO" is at the top, followed by "ML1220". Two plus signs (+) are positioned on the left and right sides. The voltage "3V" is written vertically on both the left and right sides. At the bottom, the text "MnO₂-Li JAPAN RECHARGEABLE" is arranged in a semi-circle. To the right of the large circle is a smaller circular marking with "SANYO ML1220" and "JAPAN" inside. Below the large circle is the ratio "S:5/1", and below the small circle is "S:1/1".</p>	 <p>The diagram shows the new marking for the FDK ML1220 battery. It features a large circular marking with a dashed outer boundary. Inside the circle, the text "FDK" is at the top, followed by "ML1220". Two plus signs (+) are positioned on the left and right sides. The voltage "3V" is written vertically on both the left and right sides. At the bottom, the text "MnO₂-Li JAPAN RECHARGEABLE" is arranged in a semi-circle. To the right of the large circle is a smaller circular marking with "FDK ML1220" and "JAPAN" inside. Below the large circle is the ratio "S:5/1", and below the small circle is "S:1/1".</p>



Model : ML2016

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="566 1273 631 1305">S:5/1</p> <p data-bbox="943 1273 1008 1305">S:1/1</p>	 <p data-bbox="1458 1273 1523 1305">S:10/1</p> <p data-bbox="1832 1273 1897 1305">S:1/1</p>



Model : ML2430

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="560 1268 638 1308">S:4/1</p> <p data-bbox="929 1268 1008 1308">S:1/1</p>	 <p data-bbox="1456 1268 1534 1308">S:4/1</p> <p data-bbox="1825 1268 1904 1308">S:1/1</p>



Model : UT414

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="521 1161 595 1193">S:20/1</p> <p data-bbox="864 1161 927 1193">S:1/1</p>	 <p data-bbox="1413 1161 1487 1193">S:20/1</p> <p data-bbox="1753 1161 1816 1193">S:1/1</p>



Model : UT614

Current Mark (SANYO)	New Mark (FDK)
 <p>A circular diagram with a dashed border. At the top, the text "UT614" is written in a bold, sans-serif font. In the center is a large plus sign "+". Along the left inner edge, the word "SANYO" is written in a bold, sans-serif font, curving around the circle. Along the right inner edge, the word "JAPAN" is written in a bold, sans-serif font, curving around the circle. Below the diagram, there are two small circular icons, each containing a globe. The first icon is positioned below the "SANYO" text, and the second is below the "JAPAN" text.</p> <p>S:20/1</p> <p>S:1/1</p>	 <p>A circular diagram with a dashed border. At the top, the text "UT614" is written in a bold, sans-serif font. In the center is a large plus sign "+". Along the left inner edge, the word "FDK" is written in a bold, sans-serif font, curving around the circle. Along the right inner edge, the word "JAPAN" is written in a bold, sans-serif font, curving around the circle. Below the diagram, there are two small circular icons, each containing a globe. The first icon is positioned below the "FDK" text, and the second is below the "JAPAN" text.</p> <p>S:20/1</p> <p>S:1/1</p>



Model : UT621

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular mark with a dashed border. At the top, the text "UT621" is written in a bold, sans-serif font. In the center is a large plus sign "+". Along the left inner edge, the word "SANYO" is written in a bold, sans-serif font, curving from the top to the bottom. Along the right inner edge, the word "JAPAN" is written in a bold, sans-serif font, curving from the top to the bottom. Below the circle, there is a small globe icon. At the bottom left, the text "S:20/1" is present. At the bottom right, the text "S:1/1" is present.</p>	 <p>The diagram shows a circular mark with a dashed border, identical in layout to the current mark. At the top, the text "UT621" is written in a bold, sans-serif font. In the center is a large plus sign "+". Along the left inner edge, the word "FDK" is written in a bold, sans-serif font, curving from the top to the bottom. Along the right inner edge, the word "JAPAN" is written in a bold, sans-serif font, curving from the top to the bottom. Below the circle, there is a small globe icon. At the bottom left, the text "S:20/1" is present. At the bottom right, the text "S:1/1" is present.</p>

Model : NBL414

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular arrangement of text and symbols. At the top, 'NBL414' is written in a curved path. Below it, 'SANYO' is written on the left side and 'JAPAN' on the right side, both following the curve. Two circles containing a plus sign (+) are positioned between 'SANYO' and 'JAPAN'. A dashed circle encloses the entire arrangement. Below the diagram, there are two small circles, one to the left and one to the right.</p> <p>S:20/1 S:1/1</p>	 <p>The diagram shows a circular arrangement of text and symbols. At the top, 'NBL414' is written in a curved path. Below it, 'FDK' is written on the left side and 'JAPAN' on the right side, both following the curve. Two circles containing a plus sign (+) are positioned between 'FDK' and 'JAPAN'. A dashed circle encloses the entire arrangement. Below the diagram, there are two small circles, one to the left and one to the right.</p> <p>S:20/1 S:1/1</p>

Model : TL421

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular mark with a dashed outer boundary. The text 'SANYO JAPAN' is arranged in an arc along the top. Below this arc are two plus signs (+). At the bottom of the circle, the model number 'TL421' is printed. To the right of the circle is a small plus sign (+). Below the diagram, the text 'S:20/1' is on the left and 'S:1/1' is on the right.</p>	 <p>The diagram shows a circular mark with a dashed outer boundary. The text 'FDK JAPAN' is arranged in an arc along the top. Below this arc are two plus signs (+). At the bottom of the circle, the model number 'TL421' is printed. To the right of the circle is a small plus sign (+). Below the diagram, the text 'S:20/1' is on the left and 'S:1/1' is on the right.</p>

リフローコイン形二次電池

Rechargeable Coin Type Batteries for Reflow Soldering

<Model>

ML410R	ML410RU
ML414RH	ML414RU
ML614R	NBL414R
TL410R	TL414R





Model : ML410R

Current Mark (SANYO)	New Mark (FDK)
 <p>The diagram shows a circular logo with a dashed border. Inside the circle, the text "SANYO" is written in a bold, italicized font at the top, "ML410R" in a bold font in the middle, and "JAPAN" in a bold font at the bottom. Below the circle, there is a registration mark (a small circle with a crosshair) and the text "S:20/1" to its left and "S:1/1" to its right.</p>	 <p>The diagram shows a circular logo with a dashed border. Inside the circle, the text "FDK" is written in a bold font at the top, "ML410R" in a bold font in the middle, and "JAPAN" in a bold font at the bottom. Below the circle, there is a registration mark (a small circle with a crosshair) and the text "S:20/1" to its left and "S:1/1" to its right.</p>

Model : ML410RU

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="555 1150 638 1182">S:20/1</p> <p data-bbox="898 1150 969 1182">S:1/1</p>	 <p data-bbox="1447 1150 1529 1182">S:20/1</p> <p data-bbox="1787 1150 1859 1182">S:1/1</p>



Model : ML414RH

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="557 1150 636 1182">S:20/1</p>  <p data-bbox="902 1150 969 1182">S:1/1</p>	 <p data-bbox="1451 1150 1529 1182">S:20/1</p>  <p data-bbox="1792 1150 1859 1182">S:1/1</p>


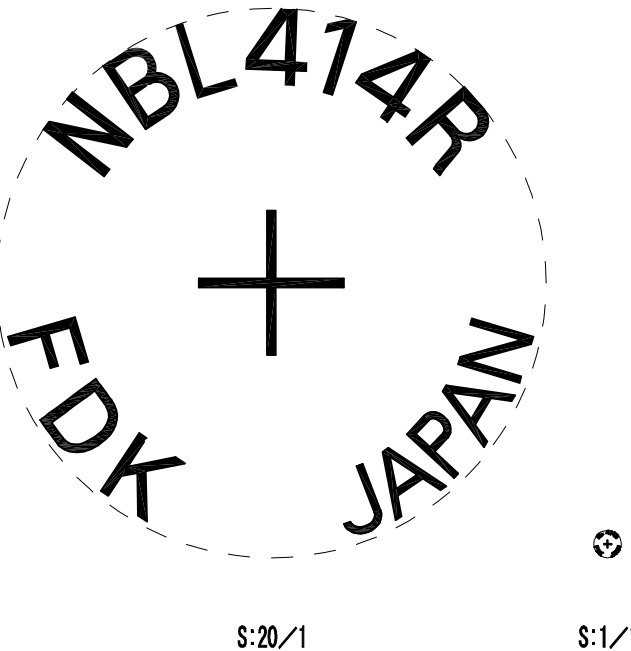
Model : ML414RU

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="421 687 965 1182">SANYO ML414RU JAPAN</p> <p data-bbox="920 1034 943 1054">●</p> <p data-bbox="562 1153 636 1177">S:20/1</p> <p data-bbox="902 1153 965 1177">S:1/1</p>	 <p data-bbox="1317 687 1861 1182">FDK ML414RU JAPAN</p> <p data-bbox="1816 1034 1839 1054">●</p> <p data-bbox="1453 1153 1527 1177">S:20/1</p> <p data-bbox="1794 1153 1856 1177">S:1/1</p>



Model : ML614R

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="557 1150 636 1182">S:10/1</p> <p data-bbox="900 1150 969 1182">S:1/1</p>	 <p data-bbox="1449 1150 1527 1182">S:10/1</p> <p data-bbox="1794 1150 1863 1182">S:1/1</p>



Model : NBL414R

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="560 1212 638 1244">S:20/1</p> <p data-bbox="907 1212 974 1244">S:1/1</p>	 <p data-bbox="1456 1212 1534 1244">S:20/1</p> <p data-bbox="1792 1212 1859 1244">S:1/1</p>

Model : TL410R

Current Mark (SANYO)	New Mark (FDK)
 <p>The logo is circular with a dashed border. The text 'SANYO' is arched across the top, and 'JAPAN' is arched across the bottom. The model number 'TL410R' is centered below the circle. A small solid circle is located to the right of the logo.</p> <p>S:20/1 S:1/1</p>	 <p>The logo is circular with a dashed border. The text 'FDK' is arched across the top, and 'JAPAN' is arched across the bottom. The model number 'TL410R' is centered below the circle. A small solid circle is located to the right of the logo.</p> <p>S:20/1 S:1/1</p>

Model : TL414R

Current Mark (SANYO)	New Mark (FDK)
 <p data-bbox="555 1149 638 1181">S:20/1</p> <p data-bbox="896 1149 974 1181">S:1/1</p>	 <p data-bbox="1444 1149 1534 1181">S:20/1</p> <p data-bbox="1780 1149 1870 1181">S:1/1</p>