

## Lithium Coin Cells



Renata coin cell batteries are available with a capacity of 25mAh to 950mAh, 3V nominal voltage, guaranteed lifetime of 10 years, UL certified and they are designed for a temperature range of -40°C to +85°C. Renata coin cell batteries show a self-discharge rates of about 1% per year at a temperature of 23°C.

One version (CR2450HT) for the extended temperature range of -40 ° C to + 125 ° C, 490mAh capacity, is also available.

### Product Features:

**CR series**  
**Nominal voltage of 3V**  
**Capacity of 25mAh to 950mAh**  
**Temperature range from -40°C to +85°C (125°C)**  
**UL certified**  
**Shelf life up to 10 years**  
**Low self discharge of less than 1% per year at 23°C**



### OVERVIEW:

P/N	DIMENSIONS (MM)	CAPACITY (MAH)
CR1025	10.0 x 2.5	30
CR1216 MFR	12.5 x 1.6	30
CR1220 MFR	12.5 x 2.0	40
CR1225	12.5 x 2.5	48
CR1616	16.0 x 1.6	50
CR1620	16.0 x 2.0	68
CR1632	16.0 x 3.2	125
CR2016 MFR	20.0 x 1.6	90
CR2025 MFR	20.0 x 2.5	165
CR2032 MFR	20.0 x 3.2	225
CR2320	23.0 x 2.0	150
CR2325	23.0 x 2.5	190
CR2430	24.5 x 3.0	285
CR2450N	24.5 x 5.0	540
CR2450N-MFR	24.5 x 5.0	580
CR2477N	24.5 x 7.7	950

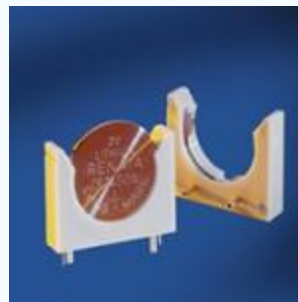
## Battery Holders



Renata coin cell battery holders are available in THT (vertical / horizontal) or SMD version (plastic / metal / clip).

### Product Features:

- SMTU/SMTM/SMTU-C/HU/NL/NH/VBH series**
- Easy and fast replacement of the battery**
- Protection against short circuit**
- Protection against leakage current**
- Protection against inverse polarity**
- Designed for automatic "pick & place" mounting**
- Suitable for reflow soldering**



### OVERVIEW:

RENATA PART NAME	FOR USE WITH RENATA CELL	WEIGHT (G)
SMTU357-LF	357	0.85
SMTU1220-LF	CR1220	0.80
SMTU1225-LF	CR1225	0.70
SMTU1632-LF	CR1632	0.80
SMTU2032-LF	CR2032	0.95
SMTU2430-LF	CR2430	1.05
SMTU2450N-LF	CR2450N	1.45
SMTU2477N-LF	CR2477N	1.65
SM2X2016-LF	CR2016	0.95
SMTU2032-G	CR2036	0.95
SMTM1225	CR1225	0.40
SMTM1632	CR1632	0.70
SMTM2032	CR2032	0.90
SMTU1632-C	CR1632	0.80
SMTU2032-C	CR2032	0.95
SMTU2430-C	CR2430	1.05

<b>HU357-LF</b>	<b>357</b>	<b>0.84</b>
<b>HU1225-LF</b>	<b>CR1225</b>	<b>0.70</b>
<b>HU1632-LF</b>	<b>CR1632</b>	<b>0.80</b>
<b>HU2032-LF</b>	<b>CR2032</b>	<b>0.95</b>
<b>HU2430-LF</b>	<b>CR2430</b>	<b>1.05</b>
<b>HU2450N-LF</b>	<b>CR2450N</b>	<b>1.45</b>
<b>HU2477N-LF</b>	<b>CR2477N</b>	<b>1.65</b>
<b>VBH2032-1</b>	<b>CR2032</b>	<b>1.6</b>
<b>NH5077-LF</b>	<b>CR2450N, CR2477N</b>	<b>2.4</b>
<b>NL5077-LF</b>	<b>CR2450N, CR2477N</b>	<b>2.9</b>