

Smarter technology for all

Using the Battery Finder tool in the BIF XL File

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Lenovo

Battery Information File (BIF)

- The BIF file contains all the batteries in the same table as on <https://www.lenovo.com/us/en/compliance/battery-msds>
 - Data is in the BatteryData Tab
 - But adds battery data for Accessories, Servers, Storage and Tablets
 - 3 Battery Part Numbers (Assembly, FRU and Battery Model)
 - Adds battery specific values
 - Link to SDS and UN38.3 Test Summary Files
- File is updated often. Please download a new copy of the file each time you make a search.

| Part Number | Assembly | FRU | Battery Model | Capacity | Voltage | Chemistry | Links |
|-------------|----------|---------|---------------|----------|---------|-----------|--|
| 59Y0004 | 59Y0004 | 59Y0004 | 59Y0004 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0004 |
| 59Y0005 | 59Y0005 | 59Y0005 | 59Y0005 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0005 |
| 59Y0006 | 59Y0006 | 59Y0006 | 59Y0006 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0006 |
| 59Y0007 | 59Y0007 | 59Y0007 | 59Y0007 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0007 |
| 59Y0008 | 59Y0008 | 59Y0008 | 59Y0008 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0008 |
| 59Y0009 | 59Y0009 | 59Y0009 | 59Y0009 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0009 |
| 59Y0010 | 59Y0010 | 59Y0010 | 59Y0010 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0010 |
| 59Y0011 | 59Y0011 | 59Y0011 | 59Y0011 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0011 |
| 59Y0012 | 59Y0012 | 59Y0012 | 59Y0012 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0012 |
| 59Y0013 | 59Y0013 | 59Y0013 | 59Y0013 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0013 |
| 59Y0014 | 59Y0014 | 59Y0014 | 59Y0014 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0014 |
| 59Y0015 | 59Y0015 | 59Y0015 | 59Y0015 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0015 |
| 59Y0016 | 59Y0016 | 59Y0016 | 59Y0016 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0016 |
| 59Y0017 | 59Y0017 | 59Y0017 | 59Y0017 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0017 |
| 59Y0018 | 59Y0018 | 59Y0018 | 59Y0018 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0018 |
| 59Y0019 | 59Y0019 | 59Y0019 | 59Y0019 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0019 |
| 59Y0020 | 59Y0020 | 59Y0020 | 59Y0020 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0020 |
| 59Y0021 | 59Y0021 | 59Y0021 | 59Y0021 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0021 |
| 59Y0022 | 59Y0022 | 59Y0022 | 59Y0022 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0022 |
| 59Y0023 | 59Y0023 | 59Y0023 | 59Y0023 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0023 |
| 59Y0024 | 59Y0024 | 59Y0024 | 59Y0024 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0024 |
| 59Y0025 | 59Y0025 | 59Y0025 | 59Y0025 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0025 |
| 59Y0026 | 59Y0026 | 59Y0026 | 59Y0026 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0026 |
| 59Y0027 | 59Y0027 | 59Y0027 | 59Y0027 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0027 |
| 59Y0028 | 59Y0028 | 59Y0028 | 59Y0028 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0028 |
| 59Y0029 | 59Y0029 | 59Y0029 | 59Y0029 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0029 |
| 59Y0030 | 59Y0030 | 59Y0030 | 59Y0030 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0030 |
| 59Y0031 | 59Y0031 | 59Y0031 | 59Y0031 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0031 |
| 59Y0032 | 59Y0032 | 59Y0032 | 59Y0032 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0032 |
| 59Y0033 | 59Y0033 | 59Y0033 | 59Y0033 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0033 |
| 59Y0034 | 59Y0034 | 59Y0034 | 59Y0034 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0034 |
| 59Y0035 | 59Y0035 | 59Y0035 | 59Y0035 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0035 |
| 59Y0036 | 59Y0036 | 59Y0036 | 59Y0036 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0036 |
| 59Y0037 | 59Y0037 | 59Y0037 | 59Y0037 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0037 |
| 59Y0038 | 59Y0038 | 59Y0038 | 59Y0038 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0038 |
| 59Y0039 | 59Y0039 | 59Y0039 | 59Y0039 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0039 |
| 59Y0040 | 59Y0040 | 59Y0040 | 59Y0040 | 10 | 3.7 | Li-Ion | https://www.lenovo.com/us/en/compliance/battery-msds/59Y0040 |

Battery Finder Tool

- Located in the “Finder” Tab
- Enter the Machine Type (21D3, 10V3, etc) or the accessory part number (4X31K03975)
 - Full product part numbers are not supported
 - If found the table will populate with battery information

- If the table returns the following, then the MT or PN is not found. Please contact Chris Saunders (csaunders@lenovo.com) for assistance.

The screenshot shows the 'BatteryInformationFinder' spreadsheet with the input '20YE' in cell C2. The output table is populated with battery information.

| 4 Non-rechargeable battery information (batteries listed below) | | | | | | | | | | | | | | |
|---|---------------|----------------|------------|-----------------------------|---------------------------|-----------------------------------|------------------------|------------------------|------------------------|--|--|--|--|--|
| Battery | | | | | | | | | | | | | | |
| Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g Battery Volt) | SDS File | SDS Link | UN38.3 File | UN38.3 Link | Battery Supplier | | | | | |
| 1 | CR2032 | UN3091 | 2.7 | 0.07 | SDS-coin-cell-3-panasonic | https://www.lcr2032-2013-20138d03 | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | | | | | |

| 8 Rechargeable Battery Information | | | | | | | | | | | | | | |
|------------------------------------|-----------------|----------------|---------------|-----------|------------|----------------|--------------------|-----------------------|------------------|-----------------|------------------------|------------------------|------------------------|--|
| Battery | | | | | | | | | | | | | | |
| Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage [VDC] | Battery Voltage [VDC] | Battery Supplier | SDS File | SDS Link | UN38.3 File | UN38.3 Link | |
| 9 | 1.5810X02605 | 5810X02594 | L1903PDS | 44.8 | 221 | 3.636 | 3.7 | 11.1 | Sunwoda | SDS_Sunwoda_A1 | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 10 | 2.5810X02597 | 5810X02600 | L19C3PDS | 45 | 221.8 | 3.6 | 3.7 | 11.34 | CellExpert | SDS-CELEPERT_B1 | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 11 | 3.5810X02608 | 5810X02603 | L19L3PDS | 45 | 225 | 3.68 | 3.7 | 11.1 | LG | SDS_LGDS | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 12 | 4.5810X02591 | 5810X02606 | L19M3PDS | 45 | 222 | 3.708 | 3.7 | 11.1 | Simplo | Simple-02_SDS | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 13 | 5.5811C73240 | 5811C73245 | L20C3PDS | 57 | 229.02 | 4.383 | 3.84 | 11.52 | CellExpert | SDS-CELEPERT_B1 | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 14 | 6.5811C73241 | 5811C73244 | L20M3PDS | 57 | 222 | 4.5 | 3.84 | 11.52 | Simplo | Simple-01_SDS | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 15 | 7.5811C73242 | 5811C73242 | L20D3PDS | 57 | 225 | 4.52 | 3.85 | 11.52 | Sunwoda | SDS_Sunwoda_CC | https://www.lenovo.com | https://www.lenovo.com | https://www.lenovo.com | |
| 16 | 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 17 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 18 | 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 19 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20 | 12.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

The screenshot shows the 'BatteryInformationFinder' spreadsheet with the input '20YX' in cell C2. The output table is mostly empty, indicating that no battery information was found.

| 4 Non-rechargeable battery information (batteries listed below) | | | | | | | | | | | | | | |
|---|-------------------|----------------|------------|-----------------------------|----------|----------|-------------|-------------|------------------|--|--|--|--|--|
| Battery | | | | | | | | | | | | | | |
| Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g Battery Volt) | SDS File | SDS Link | UN38.3 File | UN38.3 Link | Battery Supplier | | | | | |
| 1 | Product Not Found | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |

| 8 Rechargeable Battery Information | | | | | | | | | | | | | | |
|------------------------------------|-----------------|-------------------|---------------|-----------|------------|----------------|--------------------|-----------------------|------------------|----------|----------|-------------|-------------|------|
| Battery | | | | | | | | | | | | | | |
| Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage [VDC] | Battery Voltage [VDC] | Battery Supplier | SDS File | SDS Link | UN38.3 File | UN38.3 Link | |
| 9 | 1 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 10 | 2 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 11 | 3 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 12 | 4 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 13 | 5 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 14 | 6 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 15 | 7 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 16 | 8 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 17 | 9 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 18 | 10 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 19 | 11 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 20 | 12 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

Notebook / Tablet Battery Data

- Table returns all batteries listed in initial product certification
- Battery Data
 - Battery Assembly/FRU/Model Part Numbers
 - Battery Watt-hour rating (WH Rating)
 - Battery Weight in grams
 - Lithium content in grams
 - Battery Cell voltage and total battery voltage (VDC)
 - Battery Supplier
 - SDS and UN38.3 Test Summary links
- Notebook/Tablet products use only 1 of the listed rechargeable batteries

The screenshot shows an Excel spreadsheet with the following data:

| Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g Battery) | BatterySupplier |
|--------|---------------|----------------|------------|------------------------|---|
| 1 | CR2032 | UN3091 | 2.7 | 0.07 | 3 panasonic https://www.1.G2032-un380t3 https://www.len.Panasonic |

| Battery Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage (VDC) | Battery Voltage (VDC) | Battery Supplier | SDS File | SDS Link | UN38.3 File | UN38.3 Link |
|----------------|-----------------|----------------|---------------|-----------|------------|----------------|--------------------|-----------------------|------------------|-----------------|--------------------------------|------------------------|-------------|
| 1 | SB10X02605 | SB10X02594 | L19D3PD5 | 44.8 | 221 | 3.636 | 3.7 | 11.1 | Sunwoda | SDS_Sunwoda_A1 | https://www.len.SB10X02605_UN3 | https://www.lenovo.com | |
| 2 | SB10X02597 | SB10X02600 | L19C3PD5 | 45 | 221.8 | 3.6 | 3.78 | 11.34 | CelExpert | SDS-CELEPERT_BY | https://www.len.SB10X02597_UN3 | https://www.lenovo.com | |
| 3 | SB10X02608 | SB10X02603 | L19L3PD5 | 45 | 225 | 3.68 | 3.7 | 11.1 | LG | SDS_LGPO | https://www.len.SB10X02608_UN3 | https://www.lenovo.com | |
| 4 | SB10X02591 | SB10X02606 | L19M3PD5 | 45 | 222 | 3.708 | 3.7 | 11.1 | Simplo | Simplo-02_SDS | https://www.len.SB10X02591_UN3 | https://www.lenovo.com | |
| 5 | SB11C73240 | SB11C73245 | L20C3PD4 | 57 | 229.02 | 4.383 | 3.84 | 11.52 | CelExpert | SDS-CELEPERT_BY | https://www.len.SB11C73240_UN3 | https://www.lenovo.com | |
| 6 | SB11C73243 | SB11C73244 | L20M3PD4 | 57 | 222 | 4.5 | 3.84 | 11.52 | Simplo | Simplo-01_SDS | https://www.len.SB11C73243_UN3 | https://www.lenovo.com | |
| 7 | SB11C73241 | SB11C73242 | L20D3PD4 | 57 | 225 | 4.52 | 3.85 | 11.52 | Sunwoda | SDS_Sunwoda_Cc | https://www.len.SB11C73241_UN3 | https://www.lenovo.com | |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Accessory Battery Information Example

- Enter the full Part Number
- Battery Data
 - Battery Assembly/FRU/Model Part Numbers
 - Battery Watt-hour rating (WH Rating)
 - Battery Weight in grams
 - Lithium content in grams
 - Battery Cell voltage and total battery voltage (VDC)
 - Battery Supplier
 - SDS and UN38.3 Test Summary links
- Accessories use ALL listed rechargeable batteries

The screenshot shows the BatteryInformationFinder application interface. The main data table is as follows:

| Non-rechargeable battery information (batteries listed below) | | | | | | | | | | | | |
|---|---------------|----------------|------------|----------------|--------------|----------|----------|-------------|-------------|-----------------|--|--|
| Battery Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g) | Battery Volt | SDS File | SDS Link | UN38.3 File | UN38.3 Link | BatterySupplier | | |
| 1 | NONE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

| Rechargeable Battery Information | | | | | | | | | | | | | |
|----------------------------------|-----------------|----------------|---------------|-----------|------------|----------------|--------------------|-----------------------|------------------|-----------------|---|---|-------------|
| Battery Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage (VDC) | Battery Voltage (VDC) | Battery Supplier | SDS File | SDS Link | UN38.3 File | UN38.3 Link |
| 10 | 1 FT312278P | N/A | FT312278P | 1.6 | 10.3 | 0 | 3.7 | 3.7 | Future Power | FT312278P_SDS | https://www.leni.ft312278P_UN38 | https://www.lenovo.com | |
| 11 | 2 TL-PL403035 | N/A | N/A | 1.406 | 8 | 1.9 | 3.7 | 3.7 | Tenergy | TL-PL403035_SDS | https://www.leni.tl-pl403035_UN38 | https://www.lenovo.com | |
| 12 | 3 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 4 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 5 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 6 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 7 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 8 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 9 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 10 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Desktop/AIO/Workstation Battery Data

- Desktop / AIO PC / Workstation Computer
 - No rechargeable batteries
 - Does include information on Coin Cell battery

| Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g) | Battery Volt: SDS File | SDS Link | UN38.3 File | UN38.3 Link | BatterySupplier |
|--------|---------------|----------------|------------|----------------|------------------------|-----------|------------------------------|----------------------------------|-----------------|
| 1 | CR2032 | UN3091 | 2.7 | 0.07 | sds-coin-cell-3 | panasonic | https://www.lcr2032-un38dot3 | https://www.lenovo.com/panasonic | |

| Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage (VDC) | Battery Voltage (VDC) | Battery Supplier | SDS File | SDS Link | UN38.3 File | UN38.3 Link |
|--------|-----------------|----------------|---------------|-----------|------------|----------------|--------------------|-----------------------|------------------|----------|----------|-------------|-------------|
| 1 | NONE | NONE | NONE | 0 | 0 | 0 | 0 | 0 | 0 | NONE | NONE | NONE | NONE |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Typical Error – “E” in the Machine Type

- XL will interpret “E” as a scientific number, not text
- Solve by entering the MT as '21E3 instead of 21E3

Entering '21E3 – product is found

| Product Machine Type or Accessory Part Number | 21E3 | | | | | | |
|---|-----------------|----------------|---------------|----------------|------------------------|----------------|--------------------|
| Battery | | | | | | | |
| Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage (VDC) |
| 1 | SB10X02605 | SB10X02594 | L19D3PD5 | 44.8 | 221 | 3.636 | |
| 2 | SB10X02597 | SB10X02600 | L19C3PD5 | 45 | 221.8 | 3.6 | 3 |
| 3 | SB10X02608 | SB10X02603 | L19L3PD5 | 45 | 225 | 3.68 | |
| 4 | SB10X02591 | SB10X02606 | L19M3PD5 | 45 | 222 | 3.708 | |
| 5 | SB11C73240 | SB11C73245 | L20C3PD4 | 57 | 229.02 | 4.383 | 3 |
| 6 | SB11C73243 | SB11C73244 | L20M3PD4 | 57 | 222 | 4.5 | 3 |
| 7 | SB11C73241 | SB11C73242 | L20D3PD4 | 57 | 225 | 4.52 | 3 |
| 8 | SB11E24664 | SB11E24665 | L20L3PD4 | 57 | 247 | 4.45 | 3 |
| 9 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 10 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 11 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 12 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 13 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 14 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 15 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 16 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 17 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 18 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 19 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 20 | 0 | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| Non-rechargeable battery information (batteries listed below) | | | | | | | |
| Battery | | | | | | | |
| Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g) | Battery Volt: SDS File | SDS Link | |
| 1 | CR2032 | UN3091 | 2.7 | 0.07 | 3 Product SDS- | https://ww | |

Entering 21E3 is converted to 21E+04 – product is not found

| Product Machine Type or Accessory Part Number | 2.10E+04 | | | | | | |
|---|-------------------|----------------|---------------|----------------|------------------------|----------------|--------------------|
| Battery | | | | | | | |
| Option | Battery ASSM PN | Battery FRU PN | Battery Model | WH Rating | Weight (g) | Li Content (g) | Cell Voltage (VDC) |
| 1 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 2 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 3 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 4 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 5 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 6 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 7 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 8 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 9 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 10 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 11 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 12 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 13 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 14 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 15 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 16 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 17 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 18 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 19 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| 20 | Product Not Found | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| Non-rechargeable battery information (batteries listed below) | | | | | | | |
| Battery | | | | | | | |
| Option | Battery Model | UN Hazard Code | Weight (g) | Li Content (g) | Battery Volt: SDS File | SDS Link | |
| 1 | Product Not Found | | 0 | 0 | 0 | 0 | |

