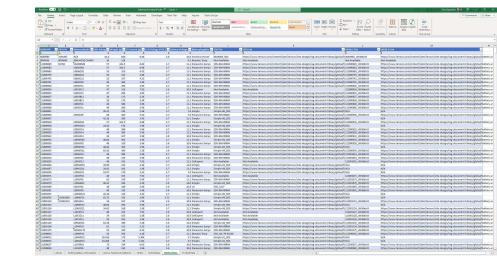
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# Using the Battery Finder tool in the BIF XL File

Chris Saunders | November 30, 2023

## **Battery Information File (BIF)**

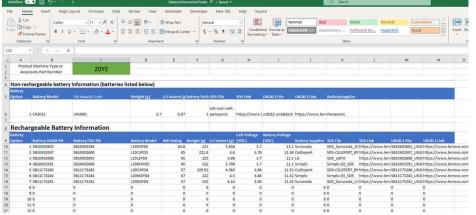
- The BIF file contains all the batteries in the same table as on https://www.lenovo.com/us/en/compliance/battery-msds
  - Data is in the BatteryData Tab
  - But adds battery data for Accessories, Servers, Storage and **Tablets**
  - 3 Battery Part Numbers (Assembly, FRU and Battery Model)
  - Adds battery 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.

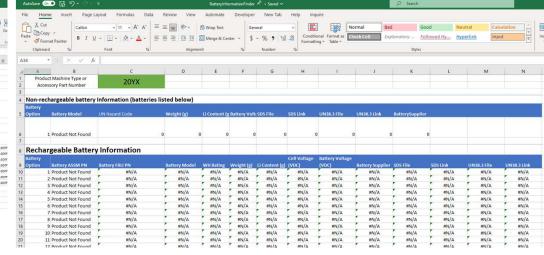


#### **Battery Finder Tool**

- 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

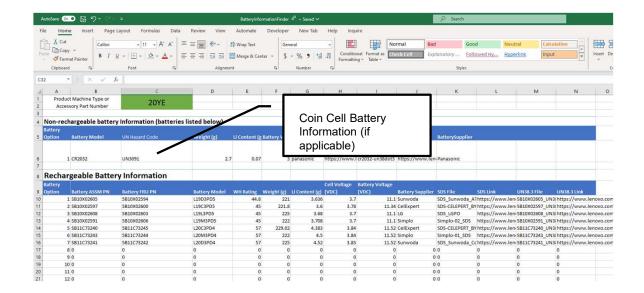
 If the table returns the following, then the MT or PN is not found. Please contact Chris Saunders (<u>csaunders@lenovo.com</u>) for assistance.





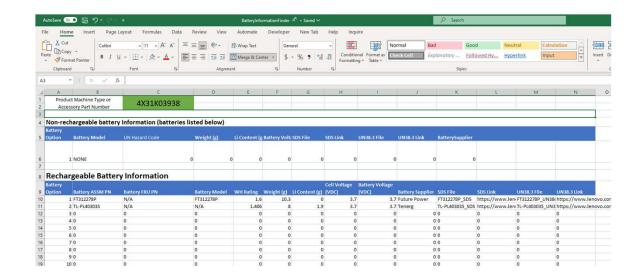
### **Notebook / Tablet Battery Data**

- 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



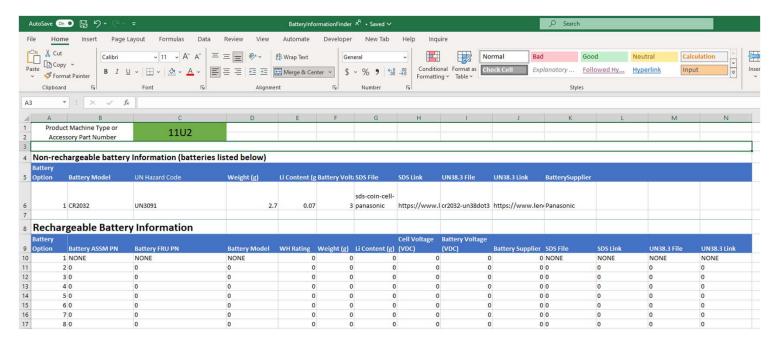
### **Accessory Battery Information Example**

- 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



#### **Desktop/AIO/Workstation Battery Data**

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

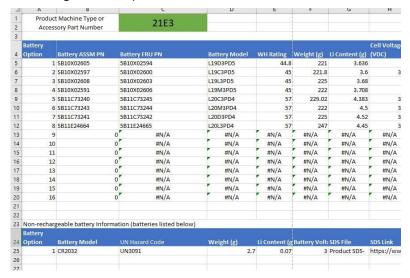


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## Typical Error – "E" in the Machine Type

- 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



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

A	A	В	C	D	E	F	
1	Product	t Machine Type or	2.105+04				
2	Accessory Part Number		2.10E+04			ij.	
3		35.					
4	Battery Option	Battery ASSM PN	Battery FRU PN	Battery Model	WH Rating	Weight (g)	Li
5	1	Product Not Found	#N/A	#N/A	#N/A	#N/A	
6	2	Product Not Found	#N/A	#N/A	#N/A	#N/A	
7	3	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
8	4	Product Not Found	#N/A	#N/A	#N/A	#N/A	1
9	5	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
10	6	Product Not Found	#N/A	#N/A	#N/A	#N/A	
11	7	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
12	8	Product Not Found	#N/A	#N/A	#N/A	#N/A	
13	9	Product Not Found	#N/A	#N/A	#N/A	#N/A	
14	10	Product Not Found	#N/A	#N/A	#N/A	#N/A	
15	11	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
16	12	Product Not Found	#N/A	#N/A	#N/A	#N/A	1
17	13	Product Not Found	#N/A	#N/A	#N/A	#N/A	*
18	14	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
19	15	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
20	16	Product Not Found	#N/A	#N/A	#N/A	#N/A	-
21						1	
22							
23	Non-rechargeable battery Information (batteries listed below)						
24	Battery Option	Battery Model	UN Hazard Code	Weight (g)	Li Content (	g Battery Vol	ti SD
25	1	Product Not Found		-			0
26						1	

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