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# BaterDATA

## Manual

*(Version 1)*

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[www.censo.sk](http://www.censo.sk)

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The database **BaterDATA** is focused on used portable batteries and accumulators available in the market. The main purpose of this database is to provide information about a producer, type, properties and composition (material sheets) of different types of portable batteries and accumulators. The photos of batteries and accumulators included in the database are available, and they appear in top right corner of the searching form after clicking on a record.

### Launching the database

We launch the database by doubleclick on the file **BaterDATA.mde**. After launching the database a searching form **frmsearch** is displayed (Fig.1). This form serves to search for records of batteries and accumulators, and material sheets.

**BaterDATA**

Výrobca / Producer:  Velkosť - tvar / Size - shape:

Magnetické / nemagnetické / Magnetic / non-magnetic:  Typ / Type:

Materiálové listy / Material sheets  
Material Safety Data Sheet Directive

Výrobca / Producer:  Typ / Type:

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Výrobca / Producer	Názov / Name	Označenie / Description	Tvar / Shape	Typ / Type	Mag.	Váha / Weight [g]	Farba/Color	Poznámka /
Philips	longlife	6F22	9 V	R	M	35.45	modro/zelená	
Varta	superlife	E-block, 6F22, 006P	9 V	R	M	36.04	zltá	
HV		H6F22M	9 V	R	M	33.01	červená	dry battery
Pairdeer	super power ace	6F22	9 V	R	M	31.94	čierna	
AIT energy	silver	6F22	9 V	R	M	36.92	čierna	
Mega cell	heavy duty battery	6F22H	9 V	R	M	35.78	čierno/zelená	0%Cd,Hg
Emergaton		6F22, 1604	9 V	R	M	36.22	strieborná	0%Cd,Hg
Toshiba	heavy duty	6F22KG, 1604	9 V	R	M	38.43	zlatá/zelená	0%Cd,Hg
GP	supercell	1604S, 6F22	9 V	R	M	35.23	sivá	0%Hg
Golite		6F22	9 V	R	M	34.78	červená	0%Cd,Hg
Rapid	super heavy duty	6F22	9 V	R	M	30.9	červená/strieborná	

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Fig.1 The searching form *frmSearch*

As it is shown in the picture above, the searching form is divided into three basic parts. The area bounded by red color contains a text box used to search for batteries. We can search for batteries and accumulators according to a producer, shape, type and magnetic properties. The entering of the search parameters is very simple, because except for the text box **Producer**, all other fields are in the form of a list i.e., we do not need to write anything into the field manually, just to choose one of the options from the list which is displayed after clicking on the blue arrow bounded by the green rectangle in the picture. In order to get required records we have to enter proper parameters and click on the button **Hľadať/Search**. The button **Vynulovať/Clear** serves for deleting the given parameters.

The area on Fig.1 bounded by the blue color serves to search for material sheets. Material sheets can be searched according to a producer or type of batteries and accumulators. In order to display required material sheets we have to enter proper parameters (a producer, type or both) and press the button **Ukáž/Show**. After doing this a new table is displayed. This table contains the list of material sheets which meet the entered parameters (Fig.2). In the case we want to hide this table we press the button **Skryť/Hide**.

The table of material sheets contains:

<b>ID –</b>	It is inserted automatically by the database itself
<b>Producer/Importer -</b>	Producer's name
<b>Type -</b>	Type of battery/accumulator (Li, Ni-MH, Ni-Cd, LR, R)
<b>PDF -</b>	Hypertext reference on the pdf form of datasheet

Fig.2 The datasheets table

The third area on the Fig.1 bounded by the yellow color consists of the table showing records which meet the parameters entered into the searching form.

### Inserting a new record

A new record can be inserted into the database through the table **t\_baterky** (fig.3).

ID	Producer	Type	Numerical label	Shape	Image	Note	Magnetic	Weight 1 pc.	Number of pieces	Weight	Color	Sort
218	Varta	Energy 2000	No 4006, mignc AA	AA02		alkaline	M	21.45	5	107.25	cienna	LR
219	Varta	Alkaline Extra	No 4006, mignc AA	AA03		0 % Hg Cd	M	21.64	5	108.2	cienna	LR
220	Varta	Alkaline Extra	No 4006, mignc AA	AA04		0 % Hg Cd	M	22.93	4	91.72	cienna	LR
221	Varta	Universal Alkal	No 4006, mignc AA	AA05		0 % Hg Cd	M	22.93	2	45.95	cienna	LR
222	Varta	Longlife extra	No 4106, mignc AA	AA18			M	22.52	1	22.52	oranžovo žltá	LR
224	Varta	High energy alk	No 4906, mignc AA	AA08			M	23.34	2	46.68	modrá	LR
224	Varta	Maxi tech alkali	No 4706, mignc AA	AA09		0 % Hg Cd	M	22.87	1	22.87	cienna	LR
225	Varta	Industrial alkali	No 4906, mignc AA	AA10			M	23.3	1	23.3	modrá	LR
226	Duracell	alkaline battery	MN 1500 AA LF AA	AA29			M	23.76	23	546.48	cienna	LR
227	Duracell	ultra alkaline	AA MX 1500 Li AA	AA30			M	23.95	1	23.95	cienna	LR
228	Wunder	gold alkaline	LR6 AA E91 / AA	AA25			M	23.67	2	47.34	zlatá	LR
229	Sanyo	Alkaline	AA LR6 / AA	AA39		0 % Hg Cd	M	23.38	8	187.04	zlatá/cienna	LR
230	Sanyo	Ni-MH 2500	LR6(Ni) AA	AA40			M	21.69	1	21.69	zlatá/cienna	LR
231	Sanyo	Alkaline	AA LR6 / AA	AA41		0 % Hg	M	23.06	4	92.24	sivá	LR
232	Toshiba	Alkaline	LR6R AA	AA37		0 % Hg Cd	M	22.82	7	159.74	mix color	LR
233	Panasonic	ALKALINE FOR LR6 (GA)	AA	AA47		0 % Hg	M	23.22	1	23.22	cienna	LR
234	Novacell	Alkaline battery	LR6 AA	AA84		0 % Hg Cd	M	23.43	3	70.29	zlatá	LR
235	Panasonic	INDUSTRIAL AL LR6 AA LR6 (GA)	AA	AA49			M	23.02	12	276.24	zlatá	LR
236	Panasonic	POWER MAX3 SIZE M AA LR6 AA	AA	AA50			M	23.42	4	93.68	zlatá/cienna	LR
237	KODAK	Photofite	AA LR6, Alkal	AA116			M	22.81	1	22.81	cienna	LR
238	Sony	ALKALINE	AA LR6, AM3 / AA	AA52			M	22.83	3	68.49	fialová	LR
239	AIT Energie	ALKALINE	LR6 AA	AA61			M	23.94	5	119.7	cienna/zlatá	LR
240	Sony	STAMINA ALK	AM3 ST LR6 S AA	AA55			M	23.03	1	23.03	striebovo/zele	LR
241	Energizer	ALKALINE	LR6 AA AM3 / AA	AA56		Alkaline 0% Hg M	M	24.3	43	1044.9	striebovo/cienn	LR
242	Energizer	ALKALINE	LR6 AA AM3 / AA	AA57		Alkaline 0% Hg M	M	23.1	10	231	cienna	LR
243	Footmark	ALKALINE	LR6 AA UM3 / AA	AA68			M	22.95	1	22.95	zlatá	LR
244	Bateria	Grada ultra alk	LR6 AA	AA72			M	24.23	1	24.23	modrá	LR
245	Bateria	Alkaline	LR6 AA	AA73			M	23.88	4	95.52	cienna	LR
246	Bateria	Grada prima al	LR6 AA	AA74		0 % Hg Cd	M	23.26	4	93.04	zlatá	LR
247	Bateria	Alkaline	LR6 AA	AA77			M	23.77	2	47.54	biele, modrá, č	LR
248	Bateria	Alkaline	GLR6A AM3 / AA	AA78		0 % Hg	M	22.3	1	22.3	zelená	LR
249	Golden Power	Alkaline	GLR6A AM3 / AA	AA81			M	23.71	2	47.42	modrá	LR
250	Sun light	Maxima alkaline	LR6 AA	AA86			M	23.63	3	70.89	modrá	LR
251	FTM	Alkaline	LR6 AA UM3 / AA	AA89		0 % Hg	M	23	4	92	cienna	LR
252	NOVALINE	Maxima alkaline	AA MN 1500 / AA	AA93		Alkaline	M	23.6	2	47.2	cienna	LR
253	Dynamic	Energy	AA LR6, MGN AA	AA95		alkaline	M	24.04	2	48.08	cienna	LR
254	BC	Extra power alk	AA LR6, AM3 / AA	AA96		0 % Hg Cd	M	23.78	2	47.56	zlatá	LR
255	PARDEER	Alkaline	LR6 AM3 / AA	AA109		0 % Hg Cd	M	24.43	1	24.43	zlatá/cienna	LR
256	POLAROID	Alkaline	LR6 AA	AA114			M	22.63	2	45.26	modrá	LR
257	RAYOVAC	maximum plus	AA MIGNON / AA	AA119			M	23.83	1	23.83	cienna/striebo	LR

Fig.3 The table for inserting a new records **t\_baterky**.

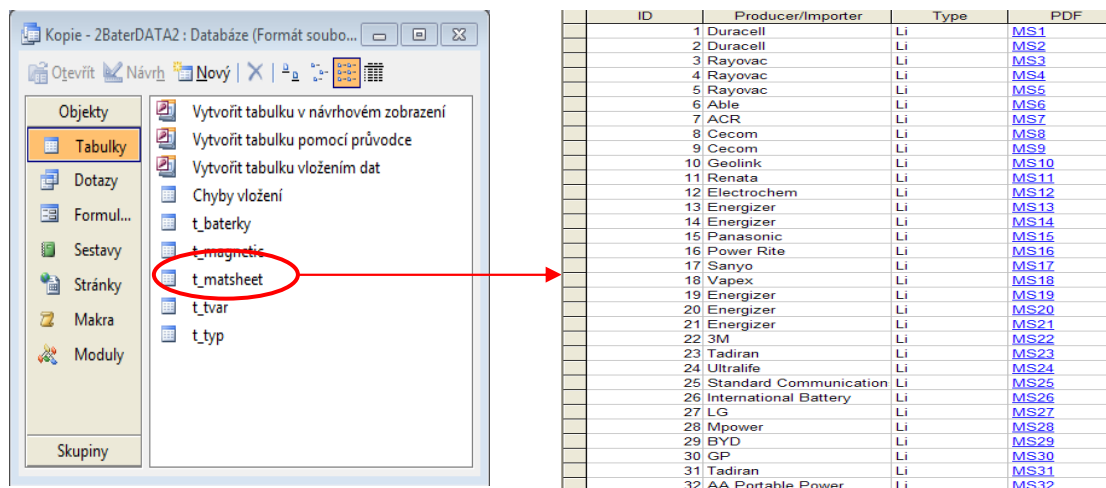
When we insert a new record into the database we need to enter following data:

<b>ID –</b>	It is inserted automatically by the database itself
<b>Producer -</b>	Producer's name
<b>Type -</b>	Type of the battery/accumulator (e.g. <i>Superalkaline</i> ,... )
<b>Numerical labeling -</b>	Label of the battery/accumulator shown on the cover (e.g. <i>LR6 E91 AM3</i> )
<b>Shape -</b>	Label determining shape of the battery/accumulator (e.g. <i>AA, AAA, D, C, 9V</i> ,...)
<b>Image -</b>	The number of the battery/accumulator photo (e.g. <i>AA120</i> , ...)
<b>Note -</b>	It mostly contains information about heavy metals content (e.g. <i>0% Hg, Cd resp. Ni-MH</i> ,... )
<b>Magnetic -</b>	M = magnetic ; N = non-magnetic
<b>Weight 1 pc. -</b>	Weight of one piece of battery/accumulator
<b>Number of pieces-</b>	Number of collected batteries/accumulators (the same type)
<b>Weight -</b>	Weight of all batteries/accumulators of the same type
<b>Color -</b>	Color of the cover (e.g.. <i>yellow, black-blue</i> ... )
<b>Sort -</b>	Label determing a type of the battery/accumulator (e.g. <i>R, LR, Li, Ni-MH, Ni-Cd</i> )

Inserted data are saved automacically.

### Inserting a new datasheet

For inserting a new datasheet into database use the table **t\_matsheet** (fig.4)



When we insert a new datasheet into the database we need to enter following data:

<b>ID -</b>	It is inserted automatically by the database itself
<b>Producer/Importer -</b>	Producer's name
<b>Type -</b>	Type of batteries/accumulators ( <i>Li, R, LR, Ni-Cd, Ni-MH</i> ) –in the form of list
<b>PDF -</b>	Hypertext reference on datasheet in pdf form

The inserted data are saved automatically.