APPLICATION WORKSHEET

Please submit the information according to the following selection guide and send the application worksheet back to your contact person at Elfa Elementenfabriek bv.

Customer Information

Company	
Address	
Contact Person	
Telephone	
Fax	
E-Mail	

Introduction

When selecting a battery, consider the following factors:

- current consumption of the device
- pulse drain characteristics
- voltage - minimum and maximum values
- expected life time of the battery
- environmental temperatures
- mechanical and normative requirements / specification

Get technical support directly from Elfa's engineering team to find the right battery for your particular application. Please submit detailed specifications according to the following selection guide. Supplying the most detailed information will give the best accuracy to the battery assessment.

Electrical Characteristics

Please define the typical load profile of the application:

Voltage:	V max		V	Cut-off		V			
Continuous load:	I max		mA	I min		mA	I average		mA

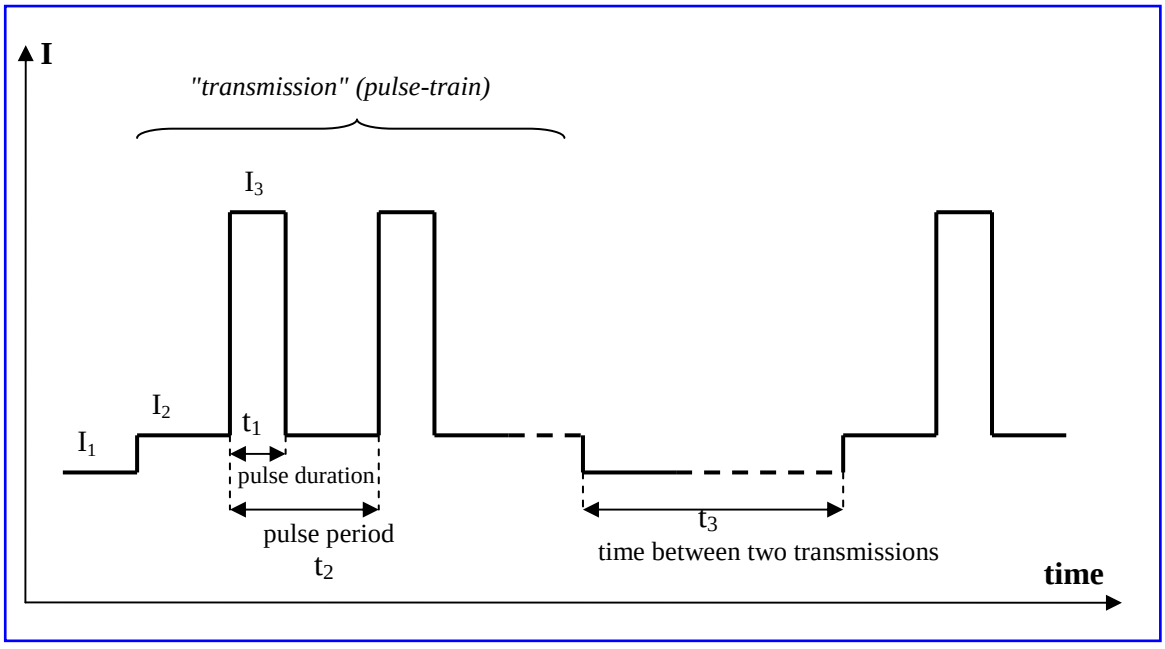
Capacity	C		mAh

In case of pulse-loads, please define pulse parameters. Submitting your own detailed pulse scheme and using your own pulse description is strongly encouraged for best clarity. Alternatively you can use the following table of pulse parameters (defined according the scheme below):

Pulse parameters:

Basis-current ("stand-by" current)	I_1		mA
"Transmission" current	I_2		mA
Peak current	I_3		mA
Time-on (pulse duration)	t_1		ms
Pulse period	t_2		s
Time between two transmissions	t_3		h

Pulse scheme:



You can add further explanation / info about your pulse profile here:

Temperature / Humidity

Please submit the temperature profiles to which your application will be typically exposed.

Temperature profile:		℃ max.		℃ min.	℃ mean
		% max.		% min.	% average

Humidity: ____ % RH max. ____ % RH min.

For a precise performance evaluation, please indicate exactly how long the application will be exposed to each of the following temperatures:

Temperature	days per year
< 0℃	
0÷20℃	
20℃	
25℃	
30℃	
35℃	
40℃	
45℃	
50℃	
55℃	
60℃	
65℃	
70℃	
75℃	
80℃	
85℃	

Dimensions / Weight / Mounting Mode

Dimensions: Max. diameter ____ mm Max. height ____ mm

Weight: Max. weight ____ g

Mounting Mode

☐ Plain cell

With soldering tags, ☐ horizontal ☐ vertical

☐ In combination with a battery holder

☐ Mounted on SMT board

☐ Mounted on through hole board

Provide a detailed sketch for specific board layouts

Operation Requirements

Expected operating life: ____ years

Storage period: ____ years

Please fax this form to Elfa Elementenfabriek bv +31 20 643 90 73.

We will respond as soon as possible.

Specific Project Information

New project	☐ yes / ☐ no	
Project name		
End customer		
Qty. pre-series		pcs.
Qty. 1st series		pcs.
Qty. P.A.		pcs. / year
Target price		☐ USD / ☐ EUR per 100 pcs.

Other information

Product description

Remarks

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