

APPLICATION WORKSHEET

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

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 RENATA'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:

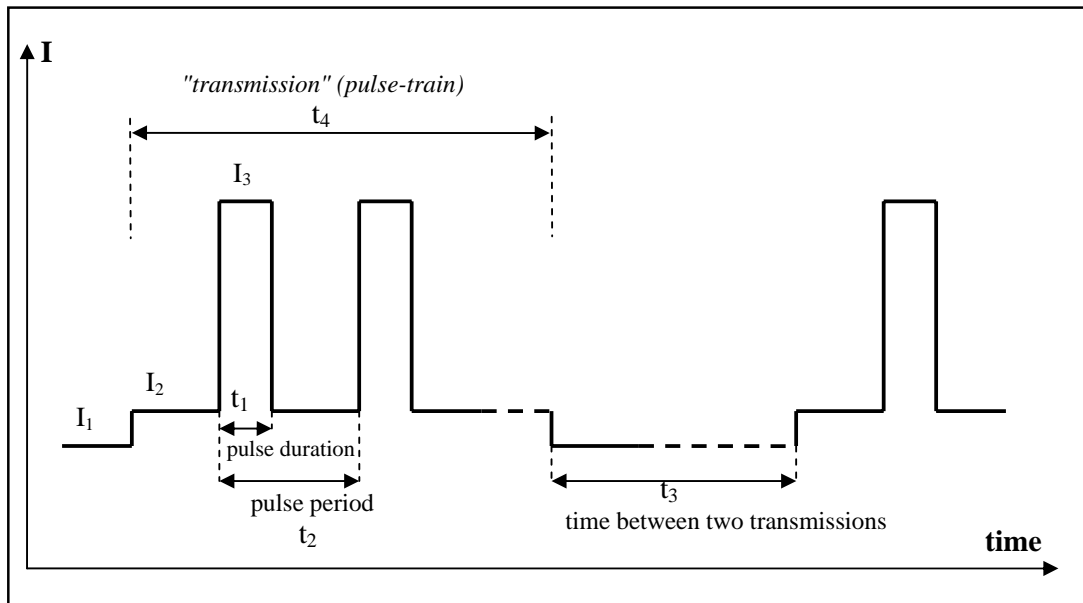
Voltage: V_{max} V Cut-off V
 Continuous load: I_{max} mA I_{min} mA $I_{average}$ mA
 Capacity C mAh

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	<input type="text"/>	mA
"Transmission" current	I_2	<input type="text"/>	mA
Peak current	I_3	<input type="text"/>	mA
Time-on (pulse duration)	t_1	<input type="text"/>	ms
Pulse period	t_2	<input type="text"/>	s
Time between two transmissions	t_3	<input type="text"/>	h
Transmission time	t_4	<input type="text"/>	s

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: °C max. °C min. °C 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:

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

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

Specific Project Information

New project	<input type="checkbox"/> yes / <input type="checkbox"/> no
Project name	<input type="text"/>
End customer	<input type="text"/>
Qty. pre-series	<input type="text"/> pcs.
Qty. 1 st series	<input type="text"/> pcs.
Qty. P.A.	<input type="text"/> pcs. / year
Target price	<input type="checkbox"/> USD / <input type="checkbox"/> EUR per 100 pcs.

Other information

Product description

Remarks