



***BLUE MESH RANGE
BATTERY LIFECYCLE***



Localization

MOBILE TAG	ONLINE			OFFLINE		
	Tag with battery capacity [Ah]			Tag with battery capacity [Ah]		
	PUCK [0.95]	COIN [0.22]	SLIM [0.09]	PUCK [0.95]	COIN [0.22]	SLIM [0.09]
Update interval [hh:mm:ss]	Lifetime [Years]			Lifetime [Years]		
0:01:00	0,5	0,1	0,1	0,5	0,1	0,1
0:05:00	2,5	0,5	0,2	2,0	0,4	0,2
0:10:00	4,0	1,0	0,5	3,0	0,8	0,3
0:30:00	11,0	2,5	1,0	10,0	2,0	1,0
1:00:00	17,0	3,5	1,3	16,0	3,0	1,0
12:00:00	20,0	6,5	2,5	20,0	6,0	2,2
18:00:00	20,0	6,5	2,5	20,0	6,0	2,2

ANCHOR	ONLINE		OFFLINE	
	Tag with battery capacity [Ah]		Tag with battery capacity [Ah]	
	PUCK [0.95]	BIG ANCHOR [5.2]	PUCK [0.95]	BIG ANCHOR [5.2]
	Lifetime [Years]		Lifetime [Years]	
	3,0	13,5	2,5	12,0

Note:

Measure at 20°

* TAG **ONLINE** is an activated tag in a functional network with a connected gateway.

* TAG **OFFLINE** is an activated tag in a functional network without gateway or with a disconnected gateway.

MOBILE TAG with BLE	ONLINE			OFFLINE		
	Tag with battery capacity [Ah]			Tag with battery capacity [Ah]		
	PUCK [0.95]	COIN [0.22]	SLIM [0.90]	PUCK [0.95]	COIN [0.22]	SLIM [0.90]
Update interval [hh:mm:ss]	Lifetime [Years]			Lifetime [Years]		
0:05:00	2,0	0,4	0,2	1,5	0,3	0,1
1:00:00	5,0	1,3	0,5	3,0	1,2	0,4
12:00:00	7,0	1,6	0,6	6,0	1,4	0,5

ANCHOR with BLE	ONLINE		OFFLINE	
	Tag with battery capacity [Ah]		Tag with battery capacity [Ah]	
	PUCK [0.95]	BIG ANCHOR [5.2]	PUCK [0.95]	BIG ANCHOR [5.2]
	Lifetime [Years]		Lifetime [Years]	
	2,5	12	2	10,0

Note:

Measure at 20°

BLE: Advertising Period 1 second - Power +4 dBm

* TAG ONLINE is an activated tag in a functional network with a connected gateway.

* TAG OFFLINE is an activated tag in a functional network without gateway or with a disconnected gateway.

Sensors

T MESH	ONLINE		
	Tag with battery capacity [Ah]		
	BLUE ANCHOR [5.2]	PUCK [0.95]	COIN [0.22]
	Lifetime [Years]		
Update interval [hh:mm:ss]	15,0	3,5	0,8
00:05:00 or more			

RHT MESH	ONLINE	
	Tag with battery capacity [Ah]	
	PUCK [0.95]	
	Lifetime [Years]	
Update interval [hh:mm:ss]	3,5	
00:05:00 or more		

MAG MESH	ONLINE	
	Tag with battery capacity [Ah]	
	PUCK [0.95]	COIN [0.22]
	Lifetime [Years]	
Update interval [hh:mm:ss]	2,5	0,8
00:05:00 or more		

DIGITAL INPUT MESH	ONLINE
	Tag with battery capacity [Ah]
	PUCK [0.95]
	Lifetime [Years]
Update interval [hh:mm:ss]	
00:05:00 or more	3,5

DIGITAL OUTPUT MESH	ONLINE
	Tag with battery capacity [Ah]
	PUCK [0.95]
	Lifetime [Years]
Update interval [hh:mm:ss]	
00:05:00 or more	3,5

Note:

Measure at 20°