		Condi	itions			
cell type: cell size:	Li-Ion (LiCoC 18650	<b>)</b> <sub>2</sub> )				
nominal voltage:	3.7 V					
capacity						
nominal:	2250 mAh	discha	arge at 0.2C			
minimum:	2250 mAh	discharge at 0.2C				
	1800 mAh	discharge at 1C ta: 20°C; EV(Discharge End Vo		oltage): 2.7	75V	
discharge max. continuous						
discharge current:	3000 mA	ta: 0	45°C			
discharge current.		important: avoid cell tempera		iture above	℃00 C	
discharge end voltage:	≥2.75 V	(recommended) important: avoid long time dee		ep dischar	ge	
charge						
charging method:			CV (Constant Current - C	Constant Vo	oltage)	
initial charge current:	1125 mA 2250 mA		ndard charge id charge			
charge end voltage:	4.2 V	± 50m	V			
charge cut off						
by time:	3,5 h		ndard charge			
by current drop:	2,5 h 22 mA	at rapi (0.010	id charge C)			
		(				
internal resistance:	≤35 mOhm	S	at 1kHz, sine wave me according to IEC 896-		t Label Design	
safety board protection fur					Li-lon Rechargeable 18650 1S1P	
overcharge cut off voltage:	4.25 V	± 25m			Nominal voltage: 3.7V Max. charge voltage: 4.2V Nominal Capacity: 2250mAh Li-Ion	
deep disch.cut off voltage: discharge cut off current:	2.5 V 8500 mA	± 62m ± 2000			Norminal Ospacity: 2250mAh Minimum Capacity: 2250mAh Recommended charge current: 1125mA Energy: 8.3Wh Safety advice for Li-lon batteries	
short circuit protection:	yes	_ 2000			Do not drush, heat indirerate, short druut damante or immerse in any liquid or it may vent or rupure. Follow charging instructions. Do not charge below 0°C Discharge - 20°C to +60°C Tested and approved to UN88.3	
life time expectance	> 000 augles				part. no.: 2347-3003 01/12	
(C>70% of min. capacity)	≥ 300 cycles		at 0.5C charge/discha	rge rate		
self discharge:	≤ 5 %/mor		at 20℃			
	≤ 10 %/month ≤ 20 %/month		at 30℃ at 40℃			
	≤ 20 %/11101	ILLI	al 400			
ambient temperature						
range:	045 ℃	charge				
	060 ℃	discha				
	- 2025 ℃		torage max. 1year			
preferred charge state	- 2045 °C	storag	e max. 3months			
for long time storage:	3050%					
mechanical specifications						
cell dimensions (incl. sleeve)	)					
diameter:	18.3 ± 0.3	mm				
height:	65 ± 2	mm			~	
weight: approx.	45	g				
wire diameter:	AWG22	3				
wire length:	120mm	black	red			
	ANSMANN Specifications for model:			Li - Ion Battery 3.7V 2250mAh		
	-			with safety board inside		
	data sheet no. / j	oart no.		2347-30	03	
	Version no.			V0		
	author / date			Eisenrei	ch / 01.12.11	

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice