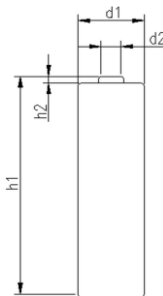
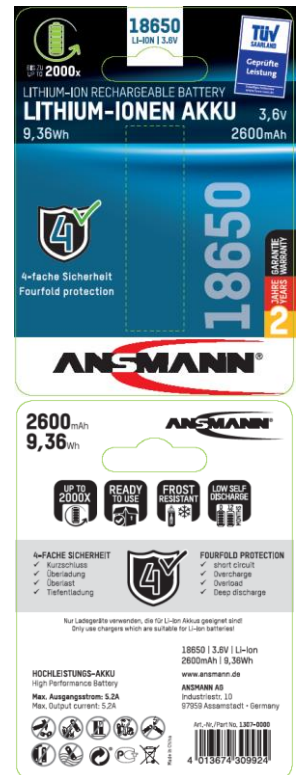


cell type:	Li-Ion (LiCoO ₂); Samsung ICR18650-26H	
cell size:	18650	
Conditions		
nominal voltage:	3.6 V	
capacity		
nominal:	2600 mAh	discharge at 0.2C
minimum:	2550 mAh	discharge at 0.2C
	2500 mAh	discharge at 1C
	ta: 20°C; EV(Discharge End Voltage): 2.75V	
discharge		
max. continuous discharge current:	4400 mA	ta: 0...45°C
	important: avoid cell temperature above 60°C	
discharge end voltage:	≥ 2.75 V	(recommended)
	important: avoid long time deep discharge	
charge		
charging method:	CC - CV (Constant Current - Constant Voltage)	
initial charge current:	520 mA	at standard charge
	1300 mA	at rapid charge
charge end voltage:	4.2 V	± 50mV
charge cut off by time:	6 h	at standard charge
	3 h	at rapid charge
by current drop:	26 mA	(0.01C)
internal resistance:	≤ 100 mOhms	at 1kHz, sine wave measurement according to IEC 896-2
energy:	9.36 W	
safety board protection functions		
overcharge cut off voltage:	4.35 V	± 0.1V
deep disch.cut off voltage:	2.5 V	± 0.2V
overload cut off current:	7 A	± 2A
life time expectance (C>70% of min. capacity)	≥ 300 cycles	at 0.5C charge/discharge rate
self discharge:	≤ 2 %/month	at 20°C
	≤ 5 %/month	at 30°C
	≤ 10 %/month	at 40°C
ambient temperature range:	0...45 °C	charge
	0...60 °C	discharge
	- 20...25 °C	storage max. 1year
	- 20...45 °C	storage max. 3months
preferred charge state for long time storage:	30...50%	
mechanical specifications		
cell dimensions (incl. sleeve)		
diameter d1:	18.5 ± 0.3 mm	
diameter d2:	10.0 ± 1 mm	
height h1:	70.0 - 2 mm	
height h2:	1.0 + 0.3 mm	
weight:	45 ± 3 g	
blister card dimensions:	123 x 85 mm	
blister card weight (incl. batteries):	appr. 53 g	

Blister card



	ANSMANN Specifications for model:	Li - Ion Battery 3.7V 2600mAh with Protection Board (PCB) inside
	data sheet no. / part no.	1307-0000
	supplier no.	702282
	author / date	TG / 19.05.2016