

The supplier acknowledges that, with the acceptance of the drawing, he is liable to manufacture the illustrated part in accordance with the drawing, irrespective of any reservations or comments. The manufacturer shall be responsible for the correctness of the drawing. The manufacturer shall be responsible for the correctness of the drawing. The manufacturer shall be responsible for the correctness of the drawing.

Technische Daten/  
 technical data : Akku/  
 battery  
 Chemie/  
 chemistry : Li-Ion  
 Zellenzahl/  
 no. of cells : 1 Zelle/ cell 18650 LG B4  
 Kapazität/  
 capacity : nom. 2600mAh discharge at 0.2C  
 min. 2500mAh discharge at 0.2C  
 to:20°C; EV(Discharge End Voltage): 2.75V per cell

Innenwiderstand/  
 impedance : < 100m0hm (battery and safetyboard)  
 Nominalspannung/  
 nominal voltage : 3.7V  
 Standard Ladespannung/  
 standard charge voltage : 4.2V±1%  
 Standard Entladespannung/  
 standard discharge voltage : 2.75V per cell  
 Nominaler Ladestrom/  
 nominal charge current : 0.5C  
 Maximaler Ladestrom/  
 maximum charge current : 2500mA (limited by safetyboard)  
 Ladeendstrom/  
 charge end current : 0.01C recommended  
 Maximaler Entladestrom/  
 maximum discharge current : 2500mA (limited by safetyboard)  
 Anwendungstemperaturbereich/  
 ambient temperature range : 0°C...+45°C charge  
 -20°C...+60°C discharge  
 -20°C...+30°C storage max. 1 year  
 -20°C...+45°C storage max. 3months

Selbstentladung/  
 self discharge : ≤ 5% / month at20°C  
 ≤ 10% / month at30°C  
 ≤ 20% / month at40°C

Standards/ : UN 3480, Subsection 38.3 and IEC62133 2nd edition  
 All cells and batterypacks type tested according  
 to UN manual of test and criteria subsection 38.3

Technische Daten/  
 technical data : Sicherheitsschaltung/  
 safety board

Überladeschutzspannung/  
 over charge voltage detection : 4.325V±50mV

Wiedereinschaltspannung/  
 over charge release voltage : 4.15V±50mV

Entladeabschaltspannung/  
 over discharge detection voltage : 2.5V±100mV

Wiedereinschaltspannung/  
 over discharge release voltage : 3V±100mV

Nominaler Lade/Entladestrom/  
 nominal operating current : 2.5A

Entlade Abschaltstrom/  
 discharge cut off current : 5A±1A

Kurzschlusschutz/  
 short circuit protection : gegen äußeren Kurzschluss/  
 against external short circuit

Temperaturschalter/  
 temperature switch : ---

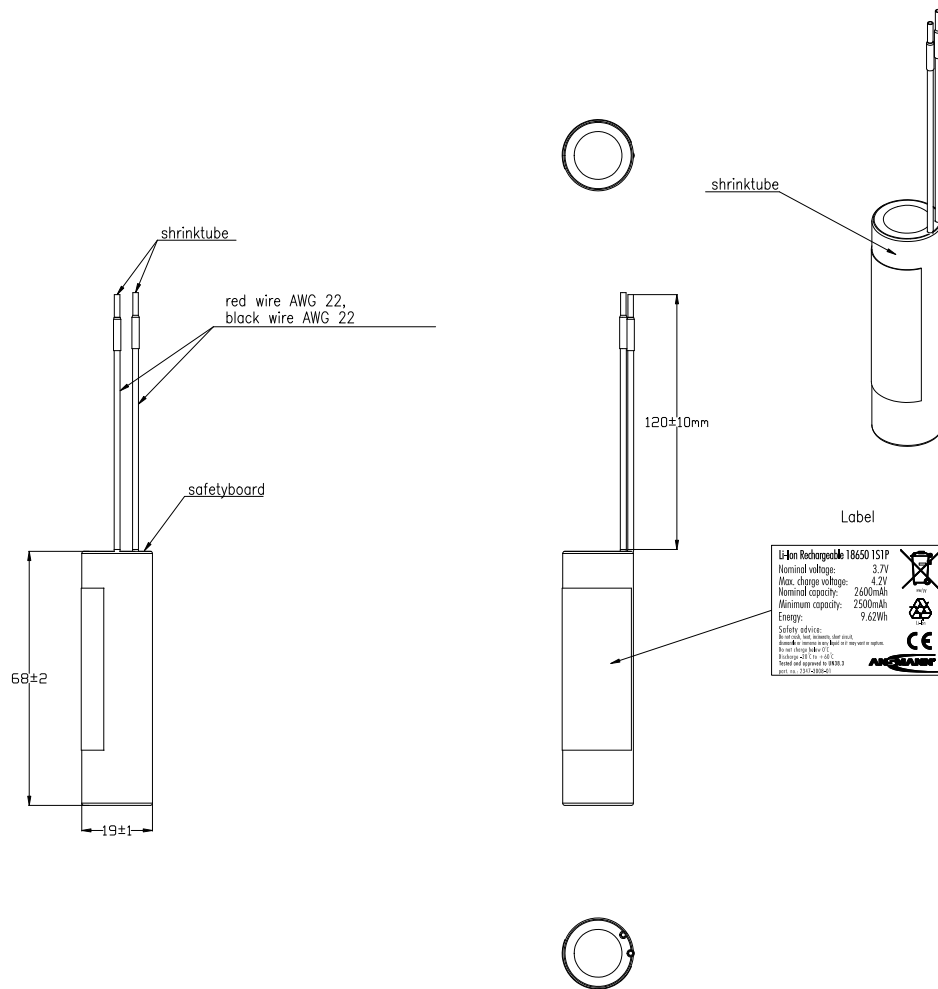
MOSFET : in Masse  
 in Gnd

Rückstellkriterium/  
 release condition : Last trennen, Aktiv nach Anladen/  
 cut load, release after charging up

Nettogewicht/  
 net weight : 47.5g

Leiterplattenmaterial/  
 pcb material : FR4

Standards : CE



Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00421		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		Z013	Datum/Date Name JE	Zeichnungsname/Drawing name Li-Ion Battery 3.7V 2600mAh with safetyboard	
				Zeichnungsnummer/Drawing number Artikelnummer/Part number 2347-3008-01	
V1	description added	17.11.16	DS		
V0	technical data corrected	24.06.15	JH		
Version		Änderung/Change		Datum/Date Name	
		Ursprung/Origin Proj. IS-2013-00421		Ersatz für/Replaced by	
				Ersatz durch/Replacement through	
				Blatt/ Sheet	1