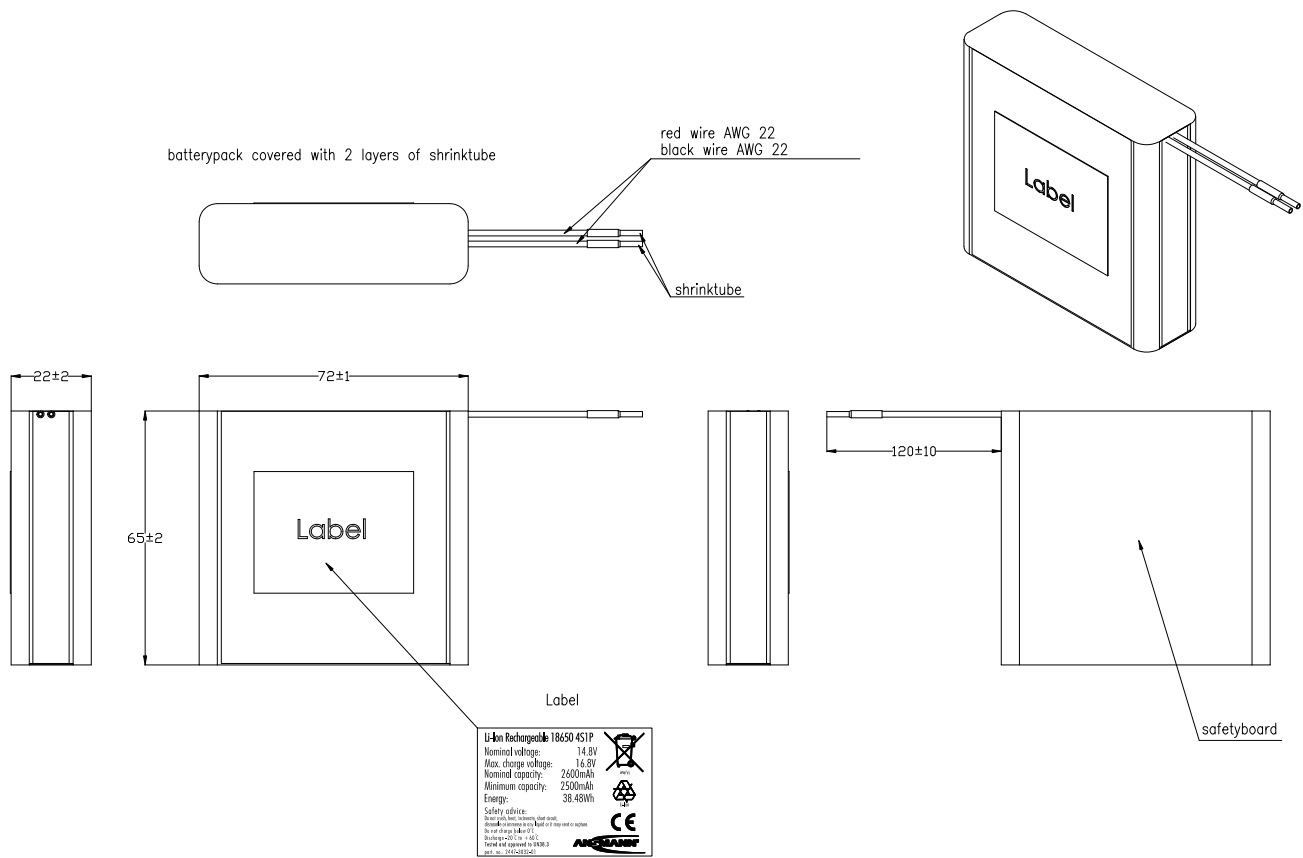


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- Technische Daten/  
 technical data : Akkupack/  
 battery pack
- Chemie/  
 chemistry : Li-Ion
- Zellenzahl/  
 no. of cells : 4 Zellen/ cells 18650 4S1P LG B4
- Kapazität/  
 capacity : nom. 2600mAh discharge at 0.2C  
 min. 2500mAh discharge at 0.2C  
 ta:20°C; EV(Discharge End Voltage): 2.75V per cell
- Innenwiderstand/  
 impedance : < 320mOhm (battery and safetyboard)
- Nominalspannung/  
 nominal voltage : 14.8V
- Standard Ladespannung/  
 standard charge voltage : 16.8V±1%
- Standard Entladespannung/  
 standard discharge voltage : 11V
- Nominaler Ladestrom/  
 nominal charge current : 0.5C
- Maximaler Ladestrom/  
 maximum charge current : 1C
- Ladeendstrom/  
 charge end current : 0.01C recommended
- Maximaler Entladestrom/  
 maximum discharge current : 4000mA (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  
 All cells and battery packs 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±75mV per cell
- Wiedereinschaltspannung/  
 over charge release voltage : 4.15V±50mV per cell
- Entladeabschaltspannung/  
 over discharge detection voltage : 2.4V±80mV per cell
- Wiedereinschaltspannung/  
 over discharge release voltage : 3V±100mV per cell
- Nominaler Lade/Entladestrom/  
 nominal operating current : 4A
- Entlade Abschaltstrom/  
 discharge cut off current : 15A± 5A
- Kurzschlusschutz/  
 short circuit protection : gegen äußeren Kurzschluss/  
 against external short circuit
- Temperaturschalter/  
 temperature switch : ---
- MOSFET : im Pluszweig/  
 in positive path
- Rückstellkriterium/  
 release condition : Last trennen, Aktiv nach Anladen/  
 cut load, release after charging up
- Nettogewicht/  
 net weight : 190g
- Leiterplattenmaterial/  
 pcb material : FR4
- Standards : CE



Verwendungsbereich/Application range		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
für Anfrage/for inquiry AN-IS-2013-00424		Atollgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2013	Datum/Date Name	Zeichnungsname/Drawing name	
		Erstellt/ Drawn by	23.10.	JE	Li-Ion Battery 14.8V 2600mAh with safetyboard
				Zeichnungsnummer/Drawing number Artikelnummer/Part number	
				2447-3032-01	
VO	---	XX.XX.XX	XX	Blatt/ Sheet	
Version	Änderung/Change	Datum/Date Name	Ursprung/Origin Proj. OIS-2013-00424	Ersatz für/Replaced by	Ersatz durch/Replacement through