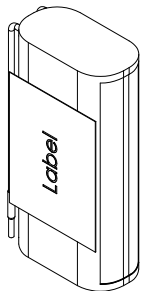
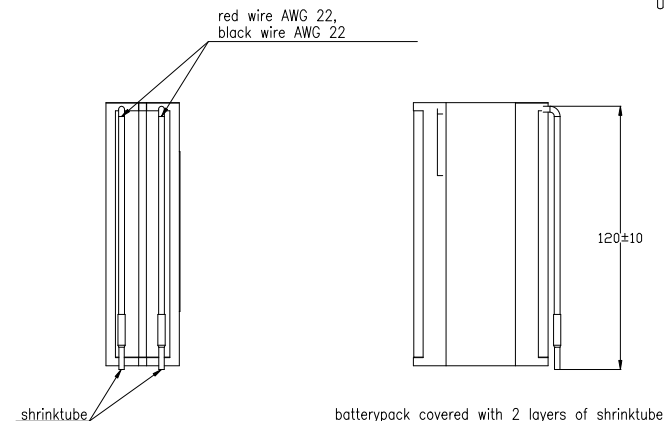
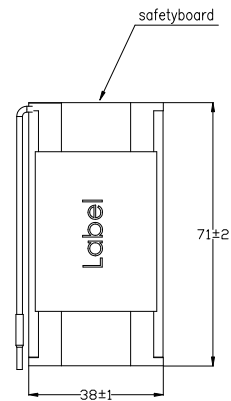
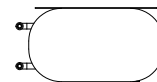
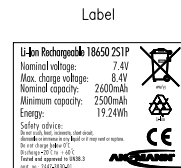


Technische Daten/ technical data	: Akkupack/ batterypack
Chemie/ chemistry	: Li-Ion
Zellenzahl/ no. of cells	: 2 Zellen/ cells 18650 SLG B4
Kapazität/ capacity	: nom. 2600mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	: < 140mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	: 7.4V
Standard Ladespannung/ standard charge voltage	: 8.4V±1%
Standard Entladespannung/ standard discharge voltage	: 5.5V
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	: 2C
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 at 20°C ≤ 10% / month at 30°C ≤ 20% / month at 40°C
Standards/	: UN 3480, Subsection 38.3 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	: 4.3V±25mV per cell
Wiedereinschaltspannung/ over charge release voltage	: 4.1V±50mV per cell
Entladeabschaltspannung/ over discharge detection voltage	: 2.4V±50mV per cell
Wiedereinschaltspannung/ over discharge release voltage	: 3V±100mV per cell
Nominaler Lade/Entladestrom/ nominal operating current	: 5A
Entlade Abschaltstrom/ discharge cut off current	: 13A± 3A
Kurzschlusschutz/ short circuit protection	: gegen äußeren Kurzschluss/ against external short circuit
Temperaturumschalter/ temperature switch	: ---
MOSFET	: in Masse in Gnd
Rückstellkriterium/ release condition	: Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Nettogewicht/ net weight	: ca./ approx. 100g
Leiterplattenmaterial/ pcb material	: FR4
Standards	: CE



Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00422	Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht /Weight
	Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
	2013	Datum/Date	Zeichnungsname/Drawing name	
	Erstellt/ Drawn by	23.10.	Li-Ion Battery 7.4V 2600mAh with safetyboard	
			Zeichnungsnummer/Drawing number	
			2447-3030-01	
			Blatt/ Sheet	
			1	
Version	Änderung/Change	Datum/Date	Ursprung/Origin Proj. IS-2013-00422	Ersatz für/Replaced by