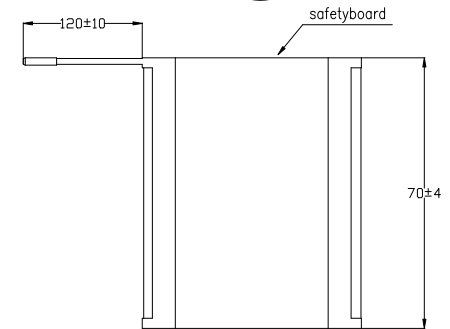
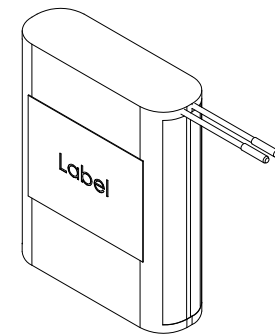
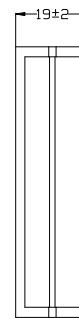
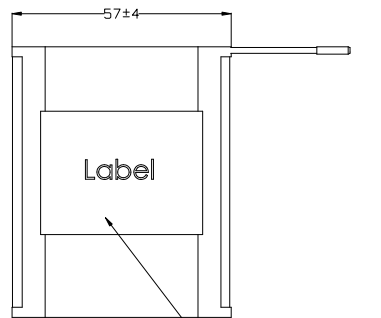
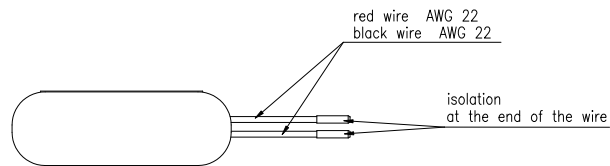


The supplier acknowledges that, with the acceptance of the drawing, he is obliged to manufacture the described part in accordance with the drawing. In particular, he is obliged to ensure that the drawing is correct and that the part is manufactured in accordance with the drawing. The supplier is not responsible for any damage caused by the use of the part.

- Technische Daten/  
technical data : Akkupack/  
battery pack
- Chemie/  
chemistry : Lithium Ion
- Zellenzahl/  
no. of cells : 3 Zellen/ cells ICR18650 LGC B4 ; 3S1P
- 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 : < 240mOhm (battery and safetyboard)
- Nominalspannung/  
nominal voltage : 11.1V
- Standard Ladespannung/  
standard charge voltage : 12.6V±1%
- Standard Entladespannung/  
standard discharge voltage : 8.25V
- 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 : 5A (limited by safety board)
- 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 : 4.35V±25mV 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 : 5A
- Entlade Abschaltstrom/  
discharge cut off current : 12A± 2A
- 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 : 145g
- Leiterplattenmaterial/  
pcb material : FR4
- Standards : CE



battery pack covered with 1 layer of blue shrinktube

Verwendungsbereich/Application range für Anfrage/for inquiry		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2015	Datum/Date	Zeichnungsname/Drawing name	
		Zeichner/ Drawn by	26.06.	JH	Li-Ion Battery 11.1V 2600mAh with safetyboard
V1	updated datasheet	03.08.17	DS	Zeichnungsnummer/Drawing number	
V0	---	26.06.15	JH	2447-3007-520	
Version		Änderung/Change		Datum/Date	
		Name		Ursprung/Origin Proj.	
				Ersatz für/Replaced by	
				Ersatz durch/Replacement through	
					Blatt/ Sheet 1