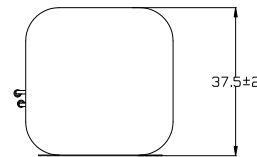
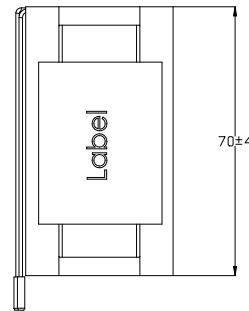
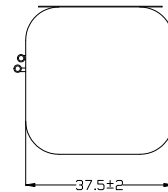


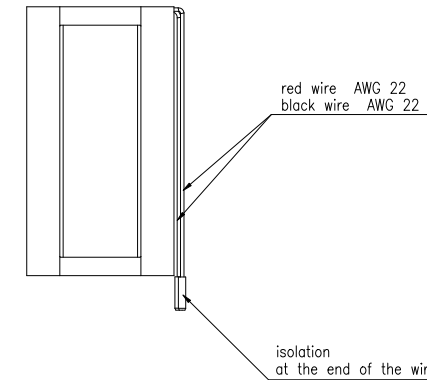
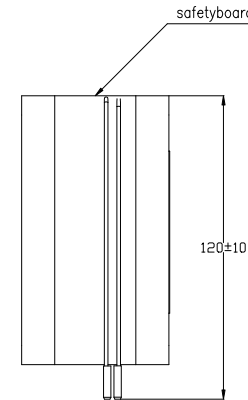
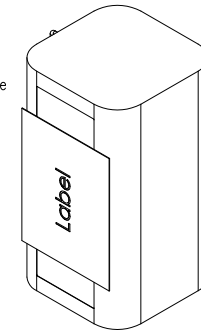
The supplier acknowledges that, with the acceptance of the drawing, he is obliged to manufacture the illustrated part in accordance with the drawing, irrespective of the number of the drawing. The supplier is responsible for the correctness of the drawing. The manufacturer is not liable for any errors or omissions in the drawing. The manufacturer is not liable for any errors or omissions in the drawing. The manufacturer is not liable for any errors or omissions in the drawing.

- Technische Daten/
 technical data : Akkupack/
 battery pack
 Chemie/
 chemistry : Lithium Ion
 Zellenzahl/
 no. of cells : 4 Zellen/ cells INR18650 LGC B4 ; 4S1P
 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 : < 300mOhm (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±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±80mV 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



battery pack covered with 2 layers of blue shrinktube



Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00428		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	Name JE	Zeichnungsname/Drawing name Li-Ion Battery 14.8V 2600mAh with safetyboard	
		Zeichner/ Drawn by		Zeichnungsnummer/Drawing number Artikelnummer/Part number 2447-3036-01	
V2 changed cell description		18.12.17	DS	Blatt/ Sheet 1	
V1 change request: DE-15-0022		15.01.16	MSI		
Version		Datum/Date		Name	
Änderung/Change		Ursprung/Origin Proj. IS-2013-00428		Ersatz für/Replaced by	