

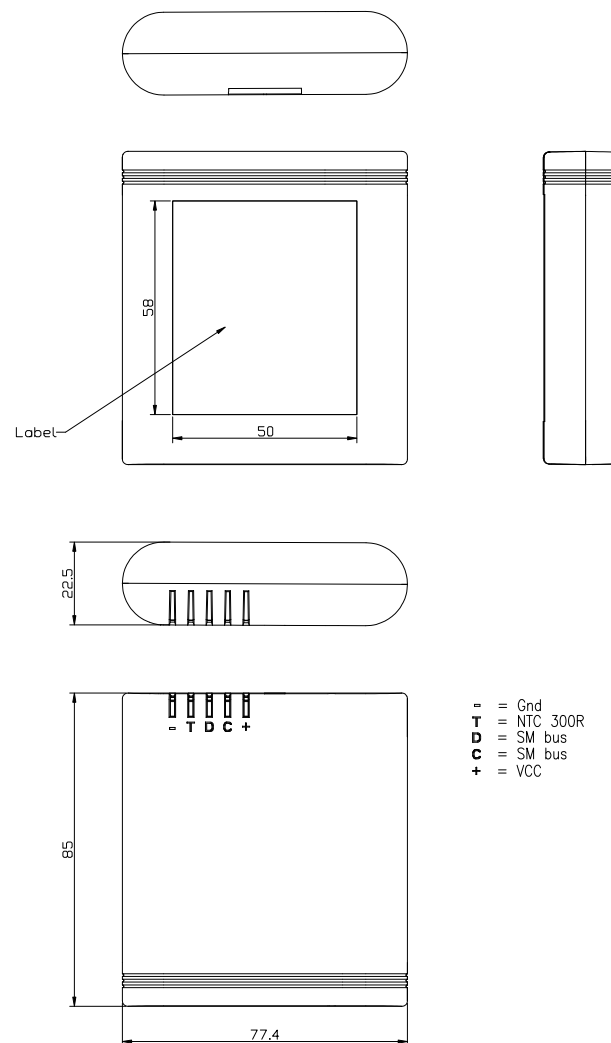
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- Technische Daten/ technical data : Akkupack/ battery pack
- Chemie/ chemistry : Li-Ion (Li-Co)
- Zelltyp/ cell type : Samsung SDI ICR 18650-26F
- Zellenzahl/ no. of cells : 4 Zellen/ cells 2S / 2P
- Kapazität/ capacity : nom. 4.8AH
- Innenwiderstand/ impedance : < 100mOhm
- Nominalspannung/ nominal voltage : 7.2V
- Standard Ladespannung/ standard charge voltage : 8.2V±1%
- Standard Entladespannung/ standard discharge voltage : 3V per cell
- Minimale Entladespannung/ minimum discharge end voltage : 2,75V per cell
- Nominaler Ladestrom/ nominal charge current : 0.5C
- Maximaler Entladestrom/ maximum discharge current : 2C
- Selbstentladung/ self discharge : ≤ 5% / month at 20°C
 ≤ 10% / month at 30°C
 ≤ 20% / month at 40°C
- Umgebungstemperatur-Bereich/ ambient temperature range : 0°C...+45°C charge
 -20°C...+50°C discharge
 -20°C...+60°C storage max. 1 month
 -20°C...+45°C storage max. 3 months
 -20°C...+25°C storage max. 1 year
- idealer Ladezustand für Lagerung/ ideal SOC for storage : 40%...60%
- max. Luftfeuchtigkeit/ max. humidity : <70%
- Standards/ : UN 3480, Subsection 38.3
 All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3

- Akkulebensdauermaßnahme/ battery life method : reduzierte Ladeschlussspannung auf 4.1V pro Zelle, lade Akku wenn die Kapazität >50% ist/
 decrease charge end voltage to 4.1V per cell, charge battery if capacity >50%

- Technische Daten/ technical data : Sicherheitsschaltung/ safety board
- Einsatzbereich/ application area : Li. Ion. Battery
- Leerlaufstromaufnahme/ no load consumption : <460uA
- Zellenzahl/ no. of cells : 2
- Ausgleichsspannung/ balancing voltage : 3.8V...4.1V
- Ausgleichsstrom/ balancing current : 35mA...45mA
- Überladeschutzspannung/ over charge voltage detection : 4.275...4.325V
- Wiedereinschaltspannung/ over charge release voltage : 4V...4.1V
- Entladeabschaltspannung/ over discharge detection voltage : 2.32...2.48V
- Wiedereinschaltspannung/ over discharge release voltage : 2.62...2.78V
- Nominaler Ladestrom/ : 4A
 nominal charge current
- Nominaler Entladestrom/ : 7A
 nominal discharge current
- Entlade Abschaltstrom/ discharge cut off current : 8A...8.5A
- Erkennungszeit/ detection delay time : 2S
- Passive Absicherung/ passive Safety protection : slow blow fuse 8A non-re-settable, temperature fuse 93°C
- Schnittstelle Interface : SMBus v1.1
- Nettogewicht/ net weight : approx. 240g
- Leiterplattenmaterial/ pcb material : FR4
- Standards : CE, UL 2054, FCC, IEC 62133 (ed.2)



- = = Gnd
- T = NTC 300R
- D = SM bus
- C = SM bus
- + = VCC

Verwendungsbereich/ Application range für Anfrage/ for inquiry IS-2013-00386		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale 1:1	Gewicht/Weight
				Werkstoff/Work material, Modell-Nr. XXX	
		2013	Datum/Date	Zeichnungsname/Drawing name	
		31.10.	SK	Akkupack mit Sicherheitsschaltung Battery pack with safetyboard	
V1	label removed	17.03.16	JE	Zeichnungsnummer/Drawing number	
V0	label modified	04.03.15	SP	Artikelnummer/Part number	
V0	---	31.10.13	SK	2447-3051	Blatt/ Sheet 1
Version	Anderung/Change	Datum/Date	Name	Ursprung/Origin Proj:IS-2013-00386	Ersatz für/Replaced by Ersatz durch/Replacement through