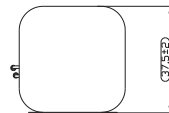
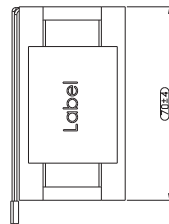
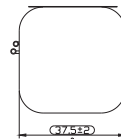


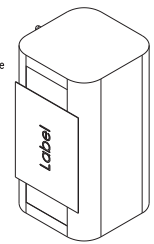
Technische Daten/
technical data : Akkupack/
battery pack
Chemie/
chemistry : Lithium Ion
Zellenzahl/
no. of cells : 4 Zellen/ cells INR18650 M26 LG ; 4S1P
Kapazität/
capacity : nom. 2600mAh discharge at 0.2C
min. 2500mAh discharge at 0.2C
ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/
impedance : < 300mOhm (battery and safetyboard)
Nominalspannung/
nominal voltage : 14.4V
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...+20°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 : 4A
Entlade Abschaltstrom/
discharge cut off current : 15A± 5A
Kurzschlusschutz/
short circuit protection : gegen äußeren Kurzschluss/
against external short circuit
Temperaturumschalter/
temperature switch : PTC: JK-P600 20V/ 6A at 25°C ; 5.2A at 40°C
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, UKCA



battery pack covered with 2 layers of blue shrinktube

safetyboard



red wire AWG 22
black wire AWG 22

isolation
of the end of the wire

Part Number	SAP Description
2447-3036-02	Li-Ion-14.4V-2600mAh-4S1P-block-M26
2447-3036-202	Li-Ion-14.4V-2600mAh-4S1P-block-M26/UK

Allowable deviation general tolerances		Surface:	Material:	Weight
DM ISO 2768-mS			Scale (DN A2): 1:1	1
Drawn by	Date	Name	Projection method	
25/01/2019		MS	1	
Changed by		Product name:		
		Li-Ion-14.4V-2600mAh-4S1P-block-M26		
		Part number		Project:
		2447-3036-X02		IS-00428
		Application range for inquiry		
		AN-IS-2013-00428		
		Sheet		
		1/1		

Version	Change	Date	Name
V3	standards updated	09.01.2021	DS
V2	change request: DE-29-2017	24.01.2020	MS
V1	part number overview added	18.01.2019	DS

