



# 2S/LIC 18650-26 SKE PCM S WC

7.3 V | 2,600 mAh nominal | 19.0 Wh | VKB: 56653 502 012 (SoC 30%)

VARTA Storage GmbH - Rev No. 1- 0325

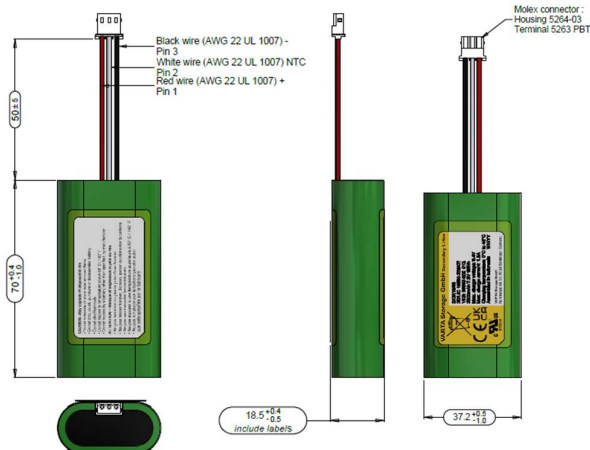
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## ELECTRICAL SPECIFICATION

Nominal voltage	7.3 V
Rated capacity at (0.5 C / 0.2 C), 23 °C ± 5 °C	2,500 mAh min., 2,600 mAh nominal
Watt-hour rating	19 Wh
Charging method	Constant Current + Constant Voltage
Max. charge voltage	8.4 V
Max. continuous charge current	260 mA (0 °C to +5 °C) - limited by cell 520 mA (+5 °C to +15 °C) - limited by cell 1,300 mA (+15 °C to +45 °C) - limited by cell
Rec. charge cut off	52 mA or timer 3.0 h
Max. continuous discharge current	3,000 mA (limited by connector)
Rec. discharge cut off	5.5 V
Internal impedance	Approx. 220 mΩ
Exp. cycle life at (0.5 C / 1.0 C), 25 °C ± 2 °C	≥ 300 cycles ≥ 80 %



## GENERAL

(Battery pack in shrink sleeve incl. safety circuit and wires and connector)

Wire	AWG22 UL1007 (red wire (+), white wire (NTC), black wire (-))
Connector	Molex connector (housing: 5264-03, terminal: 5263-PBT)
Cell	LIC 18650 -26SKE
PCM	Yes
NTC	10 kΩ; B-value 3,435 K ± 1 %
ID	None
Configuration	2S layflat multiple
Weight	Approx. 95 g

## CELL&BATTERY PROTECTION

Overcharge detection	4.35 V ± 0.025 V (920 msec. to 1380 msec. delay, resume option 1: 4.150 V ± 0.050 V, resume option 2: 4.35 V ± 0.050 V)
Overdischarge detection	2.300 V ± 0.050 V (115 msec. to 173 msec. delay, resume 2.900 V ± 0.100 V)
Overcurrent detection	3.3A to 7.6A (7.2 msec. to 11.0 msec. delay)

## ENVIROMENTAL CONDITIONS

Charge	0 °C to +45 °C
Discharge	-20 °C to +60 °C
Storage	1 month at -20 °C to +60 °C ≥ 90 % 3 months at -20 °C to +40 °C ≥ 90 % 1 year at -20 °C to +20 °C ≥ 90 %
Humidity	0 to 85 RH %

## SAFETY CERTIFICATIONS

Please follow VARTA handling and safety precautions for Lilon & LiPolymer. The cell used is a UL recognized component according to UL1642 and IEC 62133-2. The battery meets the requirements of battery directives and the battery part are RoHS-compliant. The battery is certified according to IEC6321 33-2 and UN38.3

Minimum order quantity: 400 pcs / Order multiples: 50 pcs - Product for OEM customers only!

## **Disclaimer**

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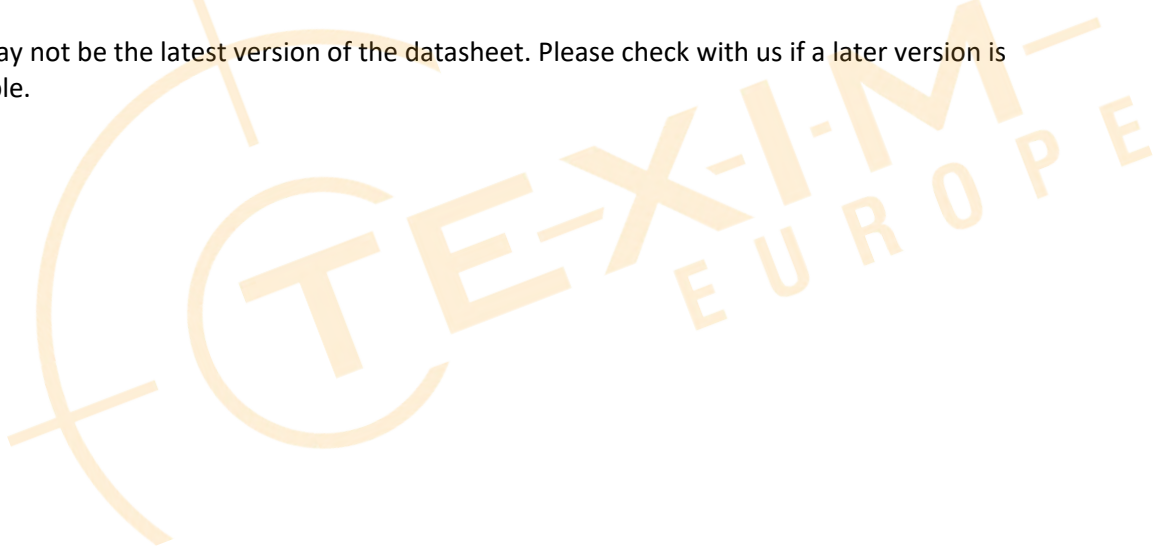
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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