

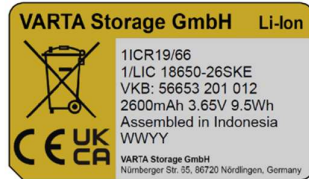


# 1/LIC 18650-26 SKE PCM S WC

3.65 V | 2,600 mAh nominal | 9.5 Wh | 56653 201 012 (SoC 30%)

VARTA Storage GmbH - Rev No. 1- 0325

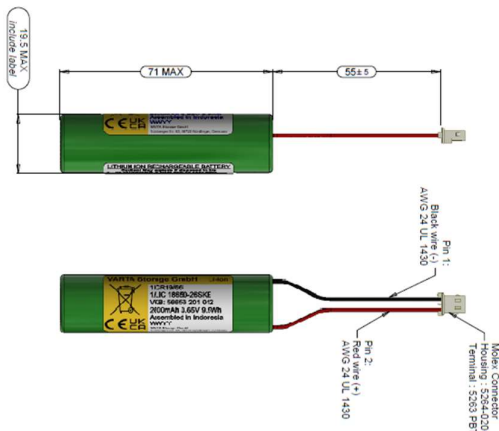
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## ELECTRICAL SPECIFICATION

Nominal voltage	3.65 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	9.5 Wh
Charging method	Constant Current + Constant Voltage
Max. charge voltage	4.2 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 ± 5 mA or timer 2.5 h
Max. continuous discharge current	2,500 mA (limited by connector)
Rec. discharge cut off	2.75 V
Internal impedance	Approx. 120 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	AWG24 UL1430 (red wire (+), black wire (-))
Connector	Molex connector (housing: 5264-020C terminal: 5263-PBT)
Cell	LIC 18650 -26SKE
PCM	Yes
NTC	None
ID	None
Configuration	1S
Weight	Approx. 50 g

## CELL&BATTERY PROTECTION

Overcharge detection	4.275 V ± 0.020 V (0.8 sec. to 1.2 sec. delay, resume option 1: 4.075 V ± 0.03 V, resume option 2: 4.275 V ± 0.050 V)
Overdischarge detection	2.500 V ± 0.035 V (76.8 msec. to 115.2 msec. delay, resume 2.900 V ± 0.10 V)
Overcurrent detection	5.7 A to 11.7 A (9.6 msec. to 14.4 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: 550 pcs / Order multiples: 110 pcs - Product for OEM customers only!

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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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