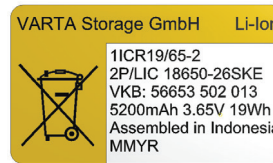
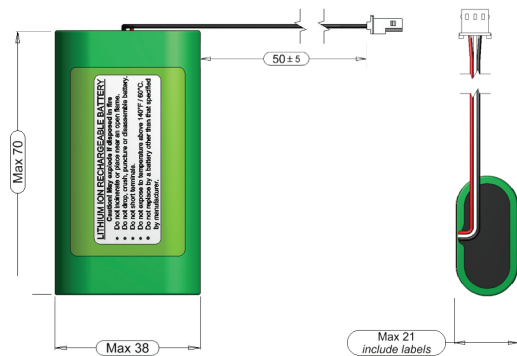


2P/LIC 18650-26 SKE PCM S WC

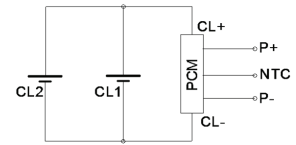


3.65 V | 5,200 mAh nominal | 19.0 Wh | VKB: 56653 502 013



MM: month two digits | Y: year one digit | R: week one digit

Circuit Diagram



LIC 18650-26SKE (2X)

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

Wire	AWG22 UL1430 (red wire (+), white wire (NTC), black wire (-))
Connector	Molex connector (housing: 5264-0300, terminal: 5263-PBT)
Cell	LIC 18650-26 SKE
PCM	Yes
NTC	10 kΩ; B-value 3,435 K ± 3 %
ID	None
Configuration	2P
Weight	Approx. 95 g

Distributed by:



ELECTRICAL SPECIFICATION

Nominal voltage	3.65 V
Rated capacity at 0.2 C, 25 °C ± 2 °C	5,000 mAh min., 5,200 mAh nominal
Watt-hour rating	19.0 Wh
Charging method	Constant current + constant voltage
Max. charge voltage	4.2 V
Max. continuous charge current	1,300 mA (limited by cell)
Rec. charge cut off	52 mA or timer 3.0 h
Max. continuous discharge current	2,500 mA (limited by PCM)
Rec. discharge cut off	2.75 V
Internal impedance	Approx. 100 mΩ
Exp. cycle life at (0.2 C / 1.0 C), 25 °C ± 2 °C	≥ 300 cycles ≥ 80 %

CELL & BATTERY PROTECTION

Overcharge detection	4.250 V ± 0.050 V (0.96 sec. to 1.4 sec. delay, auto release)
Overdischarge detection	2.250 V ± 0.10 V (30 msec. to 46 msec. delay, auto release)
Overcurrent detection at charging	3.7 A to 11.3 A (7.2 msec. to 11.0 msec. delay)
Overcurrent detection at discharging	4.5 A to 10.0 A (7.2 msec. to 11.0 msec. delay)

ENVIRONMENTAL 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	65 ± 20 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 ed. 2 certified.
The battery meets the requirements of battery directives and the battery parts are RoHS-compliant.
The battery is certified according to IEC 62133 ed. 2 and UN 38.3.

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



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