



# Easy Pack PLUS

3.65 V | 5,200 mAh nominal | 19 Wh | 56653 702 099 (SoC 30%)

VARTA Storage GmbH - Rev No. 1- 0325

Distributed by:



WW = Calendar Week | YY = Year

## ELECTRICAL SPECIFICATION

Nominal voltage	3.65 V
Rated capacity at (0.5 C / 0.2 C), 23 °C ± 5 °C	5,000 mAh min., 5,200 mAh nominal
Watt-hour rating	19 Wh
Charging method	Constant Current + Constant Voltage
Max. charge voltage	4.2 V
Max. continuous charge current	520 mA (0 °C to +5 °C) - limited by cell 1,040 mA (+5 °C to +15 °C) - limited by cell 2,600 mA (+15 °C to +45 °C) - limited by cell
Rec. charge cut off	By current 52 mA ± 5 mA
Max. continuous discharge current	2,600 mA (-20 °C to +5 °C) - limited by cell 4,500 mA (+5 °C to +60 °C) - limited by PCM
Rec. discharge cut off	3 V
Internal impedance	Approx. 65 mΩ
Exp. cycle life at (1.0 C / 1.0 C), 23 °C ± 5 °C	≥ 300 cycles ≥ 80 %

## GENERAL

(Battery with safety circuit and plastic housing)

Cell	LIC 18650-26 SKE
PCM	Yes
NTC	10 kΩ ± 1 %; B-value 3,435 K ± 1 %
ID	52.3 kΩ ± 1 %
Configuration	2P
Weight	Approx. 105 g

## CELL&BATTERY PROTECTION

Overcharge detection	4.225 V ± 0.025 V (0.96 sec. to 1.4 sec. delay, resume 4.225 V ± 0.025 V)
Overdischarge detection	2.8 V ± 0.050 V (61 msec. to 90 msec. delay, resume 2.80 V ± 0.100 V)
Overcurrent detection	5.4 A to 10 A (7.2 msec. to 11 msec. delay)

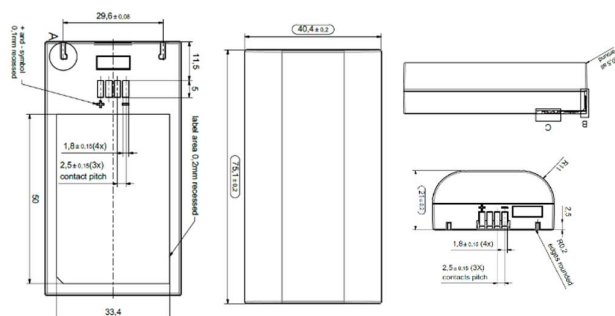
## ENVIROMENTAL CONDITIONS

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 UL 2054 listed and certified according to IEC6321 33-2 and UN38.3

Minimum order quantity: 315 pcs / Order multiples: 45 pcs - Product for OEM customers only!



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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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