



VARTA EasyPack
 Rechargeable Li-Ion Battery EZPack PLUS
 56637 702 099 - 1ICR19/65-2
 3.63V 5.2Ah 19Wh

CAUTION!

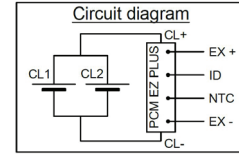
- May explode if disposed of in fire.
- Do not open.
- Must be recycled or disposed of properly.
- Do not replace by a battery other than that specified by manufacturer.
- Use specified charger only.

VARTA Storage GmbH
 Made in Romania by VARTA Microbattery SRL

UL LISTED MH16707
 Li-ion 00
 WWWW

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

Circuit Diagram

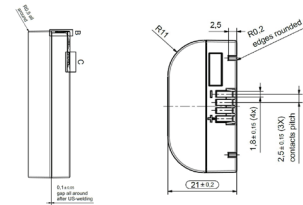
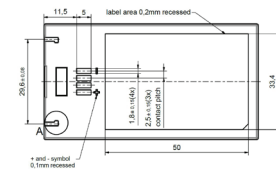
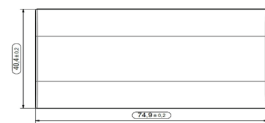


GENERAL (Battery with safety circuit and plastic housing)

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

ELECTRICAL SPECIFICATION

Nominal voltage	3.65 V
Rated capacity at 0.2 C, 25 °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 (0.2 C / 0.2 C), 25 °C	≥ 300 cycles ≥ 80 %



CELL & BATTERY PROTECTION

Overcharge detection	4.225 V ± 0.025 V (0.96 sec. to 1.4 sec. delay, resume 4.025 V ± 0.050 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)

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	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 ed. 2 certified.
 The battery meets the requirements of battery directives and the battery parts are RoHS-compliant.
 The battery is UL 2054 listed and certified according to IEC 62133 ed. 2 and UN 38.3.

The Netherlands



Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
F: +31 (0)53 573 33 30
E: nl@texim-europe.com

Belgium



Zuiderlaan 14 bus 10
B-1731 Zellik

T: +32 (0)2 462 01 00
F: +32 (0)2 462 01 25
E: belgium@texim-europe.com

UK & Ireland



St. Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
F: +44 (0)845 299 22 26
E: uk@texim-europe.com

Germany North



Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
F: +49 (0)4106 627 07-20
E: germany@texim-europe.com

Germany South



Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
F: +49 (0)89 436 086-19
E: germany@texim-europe.com

Austria



Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
F: +43 (0)662 216 026-66
E: austria@texim-europe.com

Nordic region



Sdr. Jagtvej 12
DK-2970 Hørsholm

T: +45 88 20 26 30
F: +45 88 20 26 39
E: nordic@texim-europe.com

Italy



Via Matteotti 43
IT-20864 Agrate Brianza (MB)

T: +39 (0)39 971 3293
F: +39 (0)39 971 3293
E: italy@texim-europe.com

General information



info@texim-europe.com
www.texim-europe.com