

Technical data sheet



BA405_ Li-ion battery



Temperature range:

Operation: -20 – 70 °C (-4 – 158 °F)
Charging: 0 – 45 °C (32 – 113 °F)
Storage: -20 – 45 °C (-4 – 113 °F)

Relative humidity:

Operation: 35 – 85 %
Storage: 0 – 80 %

Storage time without charging:

at -20 – 20 °C (-4 – 68 °F): max. 6 months
at -20 – 45 °C (-4 – 113 °F): max. 3 months

The battery needs to be charged after the designated storage period to a battery charge of 30 – 50 %.

Vibration resistance:

5 g, 10 – 500 Hz

UN test:

UN 3480
UN 3481

Dimensions:

90 x 48 x 28 mm (3.5 x 1.9 x 1.1")

Weight:

140 g (4.9 oz)

Nominal voltage:

3.7 V

Nominal capacity:

typ. 6.0 Ah

Nominal energy:

22.2 Wh

Max. constant current:

2 A

Capacity gauge:

5 LEDs
0 – 10 %: LED 1 blinking at 1 Hz
11 – 20 %: LED 1 illuminating
21 – 40 %: LEDs 1-2 illuminating
41 – 60 %: LEDs 1-3 illuminating
61 – 80 %: LEDs 1-4 illuminating
81 – 100 %: LEDs 1-5 illuminating

Suitable HBC chargers:

QD405