

Technical data sheet



QA401600 AC battery charger



Suitable HBC batteries: BA4010__

Battery technology: Li-ion

Input voltage range: 100 – 240 V AC / 50 – 60 Hz

Power consumption (without inserted battery): ≤ 1 W

Power consumption (with inserted battery): ≤ 16 W

Charging current: adjustable via the voltage on Pin 13 (ISET)
of the charging controller BQ24172; here set to 2.5 A

Charging process: Constant current – constant voltage (CC-CV)
Switch-off criteria: Breaking current (if current at constant voltage charge is
smaller than 300 mA)

Status LEDs: Green: Illuminates when battery is charged.
Orange: Illuminates when battery is charging.
Red: Illuminates when battery is deep discharged or defective.
Blinks when the battery is outside the temperature range.

Housing material: ABS plastic
Dimensions: 186 x 140 x 45 mm
Weight: 445 g
Protection class: IP 40

Temperature range: Operation: 0 – 45 °C
Storage: -20 – 70 °C

Applied standards: EN 60950-1
EN 61000-6-2
EN 61000-6-3