

Technical data sheet



QD401300 DC battery charger



Suitable HBC batteries: BA4010__

Battery technology: Li-ion

Input voltage range: 10 – 30 V DC

Power consumption (without inserted battery): ≤ 1 W

Power consumption (with inserted battery): ≤ 18 W

Charging current: adjustable via the voltage on Pin 13 (ISET) of the charging controller BQ24172; here set to 3 A

Charging process: Constant current - constant current (CC-CV)

Switch-off criteria: Peak Voltage Detection

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: 510 g

Protection class: IP 40

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

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