

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