

UCH0057-01 Charger¹

(can set battery to 30% state-of-charge for transportation by air²)

Technical Datasheet

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Features

- LED status indicator
- One-bay charger
- Level-3 SMART UBI-2590/BB-XX90 charger¹
- Simultaneous stand alone charging⁴
- SBS v1.1 compliant
- Press button - set state-of-charge² at 30%

Benefits

- Specifically designed to charge Ultralife UBI-2590/BB-XX90 batteries¹ safely & efficiently
- Also charges NiMH BB-390 batteries
- Safety circuit protects against charging shorted packs

Applications

- Commercial desktop charger for UBI-2590/BB-XX90 batteries^{1,3}
- Will set battery to 30% state-of-charge for transportation by air²

Technical Specifications

Part No.	UCH0057-01 (see line cord)
NSN	6130-01-710-4892
DC Input	19-40VDC
DC Output	20V max.
Charge Rate	Smart Battery: 4.0A max. Dumb Battery: 3.0A max.
Discharge Rate	1.0A max.
Battery Types	Lithium-ion (Li-ion)
User Interface	Off: Charger Powered Off Yellow Solid: Standby or Suspend Green Flashing: Fast Charging Green solid: Fully Charged Yellow Flashing: Setting SOC to 30% Flashing Yellow/Green: 30% SOC set ⁴ Red Flashing: Fault
Connectors	Input: 2.5mm Center Positive
Color	Black
Finish	Case Material: ABS GSM
Size	213mm (8.375in) x 124mm (4.875in) x 81mm (3.19in)
Weight	485g (17.1oz)
Operating Temperature	0°C to +45°C
Storage Temperature ⁴	-20°C to +70°C
Accessories Included	Power Supply - PS5024 Input Voltage: 100-240VAC, 47-63Hz Output Voltage: 24VDC Input Connector: IEC-320 Output Cable: 18AWG, 1.83m (6ft) Weight: 300g (10.5oz) Line Cord -01US: UL/CSA 3 prong (North America), length 1.83m (6ft) -01EU: C-13 IEC (European), length 2.0m (6.6ft)

Notes

1. UCH0057-01 can charge Ultralife's UBBL02-01, UBBL02-01-CB, UBBL10-01, UBBL10-01-CB, UBBL13-01, UBBL13-01-CB, UBBL36, UBBL36-CB, UBBL38 and UBBL62 batteries
2. 'Setting the state-of-charge to 30% function' only works with batteries that include SMBus communication (UBBL10-01, UBBL10-01-CB, UBBL13-01, UBBL13-01-CB, UBBL36, UBBL36-CB, UBBL38 and UBBL62)
3. The UCH0057-01 charger can charge most Non-Ultralife brand batteries.
4. Ultralife recommends that, after battery is set to 30% for shipping and delivered, it is charged to 100% before storing it or before use.