Six-Bay Smart UBI-2590 Charger
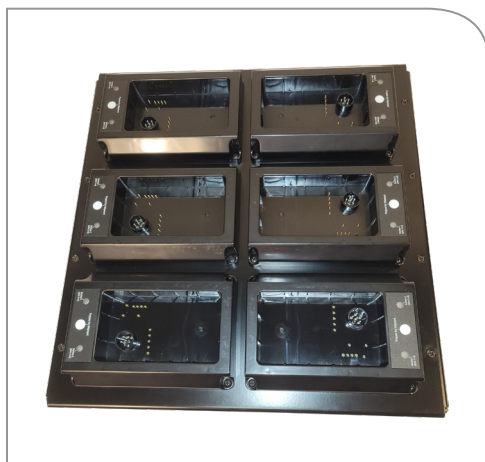## (can set battery to 30% state-of-charge for transportation by air[2])
UCH0071 Charger[1] Technical Datasheet

Features

- LED status indicator
- Six-bay charger for 2590 batteries
- Works with all makes of 2590 batteries[3]
- Level-3 SMART UBI-2590/BB-XX90 charger[1]
- Simultaneous stand-alone charging[4]
- SBS v1.1 compliant
- Press button - set state-of-charge[2] at 30%

Benefits

- Specifically designed to charge Ultralife UBI-2590/BB-XX90 batteries[1] safely & efficiently
- Also charges NiMH BB-390 batteries
- Safety circuit protects against charging shorted packs
- Uses same proven charging technology as our UCH0057 chargers

Applications

- Commercial desktop charger for UBI-2590/BB-XX90 batteries[1][3]
- Will set battery to 30% state-of-charge for transportation by air[2]

Technical Specifications	
Part No.	UCH0071-450US, UCH0071-450EU (see line cord)
NSN	TBA
DC Input	24VDC
Charge Rate	Smart Battery: 4.0A max. per charging bay
Discharge Rate	1.0A max. per bay
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: Preparing for Shipment[2] Yellow/Green: Ready for Shipment Red Flashing: Fault
Connectors	Input: 2.5mm Center Positive
Color	Black
Finish	Adapter: ABS GSM Base: Metal, Powder Coated
Size	40.00cm (15.75in) x 39.37cm (15.5in) x 10.16cm (4.00in)
Weight	5.9Kg (13.0lbs)
Operating Temperature	0°C to +45°C
Storage Temperature[4]	-20°C to +70°C

Accessories Included	Power Supply - ATM450A2-P240
	    Input Voltage: 100-240VAC, 47-63Hz
	    Output Voltage: 24VDC
	    Output Power: 450W
	    Input Connector: IEC-320
	    Output Cable: 18AWG, 1.83m (6ft)
	    Weight: 1600g (3.53lbs)
	
	Line Cord
	    -450US: UL/CSA 3 prong (North America), length 1.83m (6ft)
	    -450EU: C-13 IEC (European), length 2.0m (6.6ft)

Notes

1. UCH0071 can charge Ultralife's UBBL02-01, UBBL02-01-CB, UBBL09-01, 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 (UBBL09-01, UBBL10-01, UBBL10-01-CB, UBBL13-01, UBBL13-01-CB, UBBL36, UBBL36-CB, UBBL38 and UBBL62)
3. The UCH0071 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.