

X5 Smart Battery Charger

Technical Datasheet

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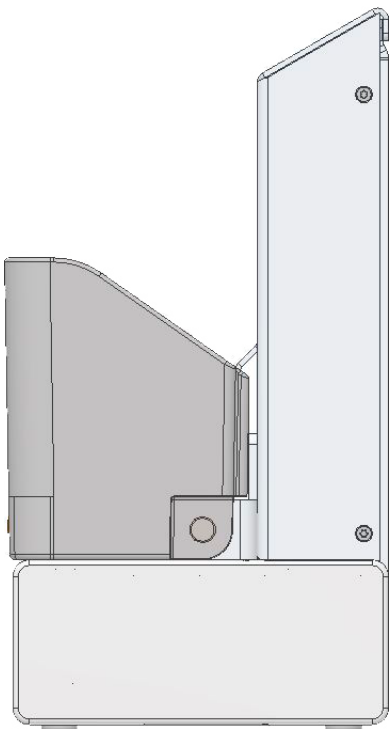
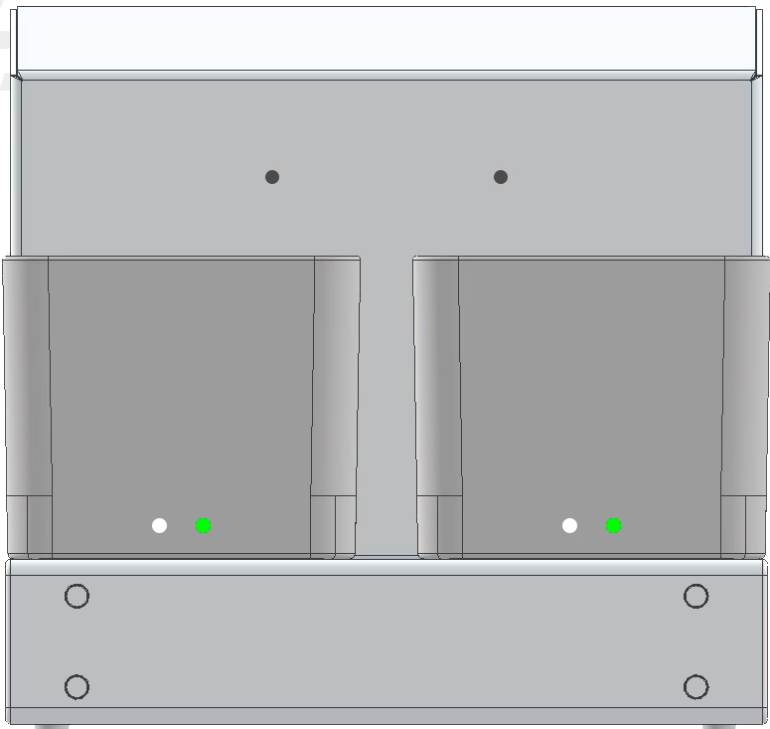
The UCH-X5 is a compact two bay smart charger, specially designed for fast charging URB-X5 batteries in a busy medical environment. The integrated power supply accepts worldwide AC supply and safely charges one or two URB-X5 batteries in under six hours. The charger features status LEDs for each bay and each battery illuminates its gas gauge display during charging so users can quickly determine state-of-charge. Supplied in desk stand configuration with a bracket for wall mounting.

Technical Specifications	
Model No.	UCH-X5
Part No.	50ABP001
AC Input Supply	100-240VAC 50-60Hz 1.6-0.7A
AC Input Connector	IEC C14 (power cord not supplied)
Charging Voltage	16.8V (max) (14.4V for URB-X5) ⁽¹⁾
Charging Current	4A (max)
Charge Time	<6 hours for URB-X5
Battery Types	URB-X5 (12.8V 21.6Ah 276Wh LiFePO4)
User Interface	LED for Power and Charge Status (charging / charged / alert) ⁽²⁾
Size	Desk Stand Configuration: 278.9 (W) x 140.1mm (D) x 262.8mm (H) Wall Mount Configuration: 278.9 (W) x 140.3mm (D) x 221.8mm (H)
Weight	Desk Stand Configuration: 3.525Kg Wall Mount Configuration: 2.930Kg
Color	Traffic White
IP Rating	IP40
Operating Temperature	0°C to +40°C
Storage Temperature	-20°C to +60°C
Certification	IEC 62368-1 / UL 62368-1 / CE / UKCA

Features & Benefits

- Direct AC input removes the need for external desktop power supply
- Easy to clean surfaces for medical environment
- Charges two batteries simultaneously without compromising charge time
- Smart Battery Charger Specification (SBCS) compliant for enhanced safety
- Desk stand or wall mount configurations provide maximum flexibility, allowing customers to relocate the unit if required
- Silent, convection cooled design

Desk Stand Configuration



Wall Mount Configuration

