

UCH-X5

Preliminary Technical Datasheet



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.

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
- Kits for wall or desk mount provides maximum flexibility, allowing customers to relocate the unit if required
- Convection cooled design with no fans to fail or attract dust

Technical Specifications

Model No.	UCH-X5
Part No.	Pending
AC Input Supply	90-264VAC (47-63Hz)
AC Input Connector	IEC C14
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	262.9 (W) x 140.2 (D) x 221.8mm (H) (w/ wall mount kit) 262.9 (W) x 140.0 (D) x 251.0mm (H) (w/ desk mount kit)
Weight	Pending
Color	Traffic White
IP Rating	Pending
Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +60°C
Certification	IEC 62368-1 / UL 62368-1 / CE (pending)
Accessories	Wall mount kit Desk mount kit

Notes

1. As a smart charger, the charging voltage and charging current are communicated to the charger by the installed battery.
2. The gas gauge LEDs on the top of the URB-X5 battery will automatically illuminate during charging to indicate the state-of-charge (20% to 100% in 20% increments).