

X5 Battery Cradle

Preliminary Technical Datasheet



Technical Specifications

Model No.	UCA-X5
Part No.	UCA-X5
Weight	0.5Kg
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Construction	Mounting Bracket: Aluminum (Traffic White) Battery Receptacle: PC/ABS (Traffic White)
Size	Width: 129.9mm (5.11in) Depth: 95.4mm (3.76in) Height: 324.4mm (12.77in)
Maximum Current	20A
Connection (Battery)	Spring loaded, gold plated contacts
Pin assignment	1 Battery Negative 2 Enable ¹ 3 Thermistor 4 SMBus Clock 5 SMBus Data 6 Battery Positive
Connection (Host)	7W2 female D-Sub
Pin assignment	A1 Battery Positive 1 Thermistor 2 Communication Ground ¹ 3 SMBus Data 4 SMBus Clock 5 5V ancillary supply ² A2 Battery Negative

Compatibility

Notes

1. In the standard UCA-X5, the battery is automatically enabled when the battery is inserted into the cradle. If required, the Enable feature can be activated remotely via Pin 2 of the 7W2 D sub connector. Contact Ultralife for details.
2. 5V ancillary supply is available whenever a charged battery is installed. The 5V supply is limited to 100mA

Features & Benefits

- Slender aluminum bracket permits multiple mounting locations
- Battery receptacle with 15° of tilt allows battery to be easily inserted and removed
- Durable battery locking latch with single handed release
- Single D-sub connector with access to both power and communications simplifies wiring
- 5V ancillary supply to power external low power devices

Applications

- Medical carts
- Warehouse terminals

Included Cable

- 56501310: Attaches to the URS-X5 Power System (see image below)



Dimensions

