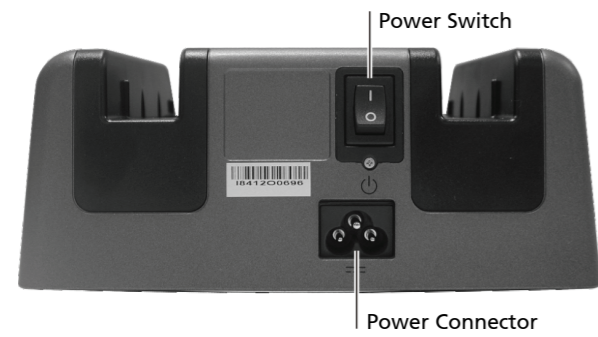
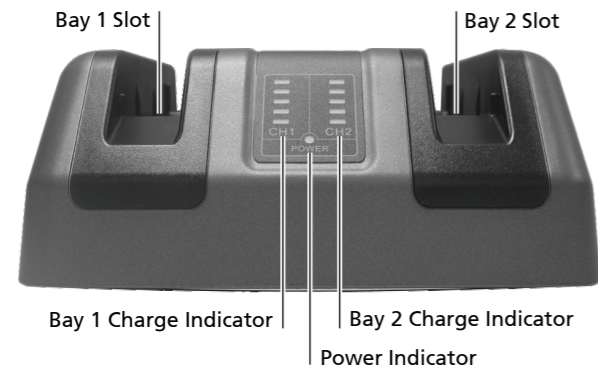


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AY-C431

Battery Charger
REFERENCE GUIDE

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Rugged Mobile Computing Solutions

Congratulations and thank you for purchasing the battery charger.

This guide provides operating information for the charger.

The applicable computer models are B300, E100, E110, V100, V200, V110, F110, S400, X500, and T800.

1. Product Specifications

Parts	Specifications
Number of bays	2
Number of LEDs	5 per bay
AC-in power	100 V ~ 240 V
DC Output	13.05 V, 2.4 A (Max.)
Charging time	Maximum 5 hours (at 25 °C)
Dimension	160 × 180 × 72.5 mm
Weight	1.2 kg
Operating temperature	0 °C ~ 40 °C
Regulation	EMC: CE / FCC / CCC Safety : CB, UL
Green Product Coverage	RoHS : 6 European Union RoHS banned materials Others : 12 universal GP product banned materials

2. Safety Instructions

- For optimal performance, use the charger where the recommended temperature is between 0 °C (32 °F) and 40 °C (104 °F).
- Avoid placing the charger in a location subject to high humidity, extreme temperatures, mechanical vibration, direct sunlight, or heavy dust.
- Do not cover or block any ventilation openings on the charger. For example, do not place the charger on a bed, sofa, rug, or other similar surface. Otherwise, overheating may occur that results in damage to the charger.
- Do not place the charger on an unsteady surface.
- To avoid hastening the deterioration of the battery pack thereby prolonging its useful life, minimize the number of times you charge it so as not to frequently increase its internal temperature.
- The charger will stop charging when input voltage from the AC power line is unstable.
- Avoid touching the charger bay terminals or damage may occur, thereby causing improper operation to it.
- Avoid exposing the charger to water or an electric shock may occur.
- Disconnect the AC power cord from the charger when not in use. The charger is still in standby mode even when charger is powered-off if AC power is connected.

3. Inserting Battery Pack

Insert the battery pack(s) to bay 1 or bay 2 slot or to both according to the battery type.

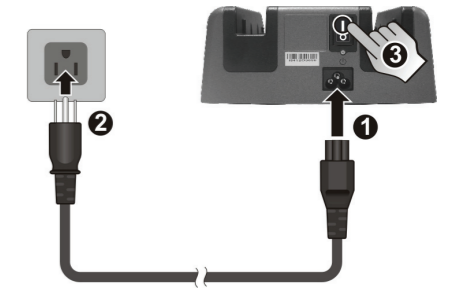


Depending on the battery charger model purchased, the bay 1 and bay 2 slots can be for one of the battery combinations as listed below:

Bay 1	Bay 2	Applicable Computer Models
Main Battery	Main Battery	B300, E100, E110, V100, V200, V110, F110, S400, X500 and T800
Main Battery	2nd Battery	B300
2nd Battery	2nd Battery	B300

4. Connecting Power

- Plug the female end of the power cord to the power connector (1) on the charger and the male end to an electrical outlet (2).
- Press the power button (3) to power up and the power indicator (POWER) on the front lights green.



The corresponding bay charge LED (CH1 / CH2) would light from the lowest bar (up to 20 % charge), second lowest bar (up to 40 % charge), third bar (up to 60 % charge), fourth bar (up to 80 % charge), and all bars lit (100 % charge).

NOTE: The first bar of CH1 LED will light in orange if charging is in an abnormal state.