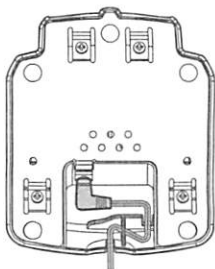# VAC-300 Desktop Rapid Charger

The **VAC-300** is a Desktop Rapid Charger that enables charging of Lithium-Ion Battery Packs for Vertex Standard transceivers*.
The **VAC-300** consists of the **PA-42** Battery Charger and the **CD-34** Desktop Rapid Charger.

Operation

1. Insert the DC plug from the **PA-42** Battery Charger into the DC jack on the bottom side of the **CD-34** Desktop Rapid Charger, then plug the **PA-42** Battery Charger into the AC line outlet.
2. Insert the battery pack into the **CD-34** Desktop Rapid Charger while aligning the slots of the battery pack with the guides in the nest of the **CD-34**; refer to the illustration below for details on proper positioning of the battery pack. If charging with the transceiver attached, turn the transceiver off, and the antenna jack should be at the left side when viewing the charger from the front.
3. If the battery pack is inserted correctly, the LED indicator will glow red. A fully-discharged pack will be charged completely in approximately 2 hours.
4. The LED indicator will change to green when charging is nearing completion. The battery pack becomes fully charged approximately 30 minutes later.
5. When charging is completed, remove the battery pack from the **CD-34** Desktop Rapid Charger, and unplug the **PA-42** Battery Charger from the AC line outlet.
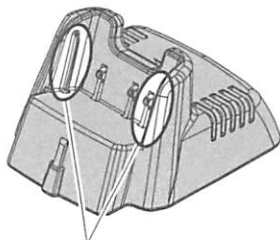
Important Notes!

○ Do not connect an improper Battery Charger. Use only the supplied **PA-42** Battery Charger.
○ Do not charge an improper battery (one not specifically designed for use in the **VAC-300**).
○ Disconnect the pack from the **CD-34** Desktop Rapid Charger, and unplug the **PA-42** Battery Charger from the AC line outlet, when charging is completed.
○ The **PA-42** Battery Charger and/or **CD-34** Desktop Rapid Charger will generate a moderate amount of heat during the charging process. This is a normal condition.
○ The **VAC-300** is designed for charging only, and is not designed for operation (transmission/reception) of the transceiver.
○ Periodically wipe the charging terminals in the nest of the **CD-34** Desktop Rapid Charger, using a dry cloth, to ensure good connections between the charger and battery.

⚠ Caution!!

○ When charging a battery pack alone (not attached to the transceiver), do not allow any metal object to short the terminals on the battery pack.
○ Do not allow any metal objects to short the terminals in the nest of the **CD-34** Desktop Rapid Charger, as a short-circuit could cause overheating of the charger circuitry.

Specifications

Charging Current (approx.): 1 A
Charge Time (approx.): 2 hours
Operating Temperature Range: 50 °F to 104 °F (+10 °C to +40 °C)
CD-34 Case Size (W x H x D): 3.7" x 2.5" x 4.4" (94 x 62 x 112 mm)
CD-34 Weight (approx.): 7.2 oz (204 g)
PA-42B Input Voltage: 120 VAC
PA-42C/U Input Voltage: 230 VAC

Align the slots of the battery pack with the guides in the nest of the **CD-34** Desktop Rapid Charger.

* Check with your Vertex Standard dealer for a list of current transceivers that may be used with the **VAC-300**.

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