

# WLB-817 Lithium Polymer Battery from Windcamp

## Parts List

- 1- WLB-817 2500 mAh Lithium Polymer Battery
- 1- 12.6V/1A Wall Charger
- 1- FT-817 Charging Door

## Warning:

Use only the supplied charger to charge the WLB-817 Battery. Lithium Polymer batteries require specific charge voltages and currents to properly charge the battery. Use of other chargers could damage the battery and potentially your radio.

## Note:

- 1- The supplied charger is a switching power supply that make cause some interference on the HF bands. When you charge the battery it is recommended that you place the switch on the Charging Door to the OFF position. Leave the switch in the OFF position when the radio is stored. This will prevent the battery from being discharged by the radio's PA bias circuit.. FT-817, charge, charger switching power supply may cause some interference to shortwave band, recommended charging the battery compartment cover of the power switch is thrown in the OFF position.
- 2- The latch on the Charging Door is factory adjusted. It may look like its bent, its not. Resist the urge to straighten it.

## Instructions

Remove the FT-817 battery cover. Remove the battery tray from the FT-817. Connect the WLB Battery to the corresponding connector on the Charging Door. Connect the remaining lead on the Charging Door to the battery connection in the FT-817. With the switch on the Charging Door in the OFF position, plug in the charger into a wall outlet and into the coaxial plug on the Charging Door.

The wall charger has a dual-color LED. RED will indicate when the battery is charging and GREEN will indicate when the battery is fully charged.

When fully charged disconnect the charger, place the Charging Door switch to the ON position and turn on the radio as normal. Use the VOLT option on the radio to monitor the battery voltage. DO NOT OPERATE THE BATTERY AT VOLTAGES BELOW 9V.

## The WLB-817 lithium battery specifications:

Maximum output voltage: 12.6V

Output Voltage Range: 9V-12.6V

Recommended charging current: 1.25A (0.5C)

The maximum charging current: 3.75A (1.5C)

Maximum discharge current: 4A

Weight: 165g

Operating Temperature: -20 °C to +60 °C

Discharge temperature characteristics: 50% @ -20 °C, 100% @ 25 °C, 95% @ 60 °C