

Overview

The EZ-Power 817 is a direct replacement battery pack for the Yaesu FT-817. It is designed to provide the FT-817 owner with a superior solution to either the standard Yaesu packs or the other third party packs on the market.

Key Features	Benefits
High Capacity – 2200 mAh	Longer operating time than any competitor
External Charge Cable	Provides connection to external charger without opening the battery compartment
User replaceable fuse	Avoid returning the EZ-Power to the vendor to fix a simple fuse
Automatic battery disconnect during external charge	Protects the FT-817 from batter charger malfunction

The EZ-Power 817 provides more operating time and convenience:

- No 20-hour wait for the internal charger to fully charge the pack
- No opening the battery compartment for a fast charge
- No annoying exposed connector on the bottom of your FT-817

Installation

The installation process for the EZ-Power 817 is simple and intuitive, but please read these instructions completely before attempting to install the EZ-Power.

1. Remove any external power supply and be sure your 817 is turned off
2. Place the FT-817 on a work surface with the battery compartment facing up and the front panel toward you.
3. Remove the battery compartment door
4. Locate the battery pack or battery holder power connector and carefully disconnect it from the radio. Be particularly cautious when disconnecting the small white Molex connector. Grasp the connector and not the wires when disconnecting.
5. Remove your current battery pack or battery holder from the compartment
6. Insert the EZ-Power into the radio with charge connector facing up and the wires to your left.
7. Connect the cable from the EZ-Power to the radio. Be sure to align the wires, black-to-black and red-to-red when connecting the EZ-Power. Store the cables in the space to the left of the battery.
8. Insert the EZ-Power into the radio.
9. Replace the cover.
10. Turn the radio over and turn it on. Once you have verified the radio is working, turn it off and condition/charge the battery before the first operating session.

Your installation is complete and after a charge you will be ready to operate.

Charging your EZ-Power 817

You have two options for charging your EZ-Power 817:

- Use the internal charger built into the FT-817 - This method is easy and self-contained, but provides a slow charge, approximately 20 hours for the EZ-Power 817
- Use an external charger -This is the recommended method and can be much faster depending on the charger you use.

PLEASE READ THIS SECTION CAREFULLY BEFORE CHARGING YOUR EZ-POWER.

Using the internal charger

Go to Menu 11 [BATTCHG] and select the charging time. Then Operating Function CHG (Row 11) to begin charging. You may continue to operate the FT-817 normally while the EZ-Power is being recharged.

You will need 2 eight-hour charge cycles to fully recharge a EZ-Power once the FT-817 shuts off due to low voltage.

Only use external power supplies that fully comply with the Yaesu specifications.

Initial Conditioning Charge

The EZ-Power comes to you conditioned and ready to use. Each battery pack is cycled three times to equalize each cell before shipping. Please note that NiMH batteries self discharge at approximately one-percent per day. Due to this phenomenon, the pack will not reach you fully charged so your first use may not provide you with the full operating time.

Using an external charger

The EZ-Power battery pack can be charged using an external fast charger. Simply connect the charger via the plug mounted on the pack using the supplied cable. The cable is designed to work with the Maha 777, Maha 777 Plus-II and the W4RT One-Fast-Charger 817. The original Maha 777 Plus should **NOT BE USED**.

When you insert the charging jack into the EZ-Power charge plug, the radio is automatically disconnected from the battery pack and the external charger is connected to the battery pack. Your FT-817 is now protected from any charger malfunctions. The charge time will depend on the capabilities of you specific charger. The following chart is a rough estimate of the charging time for a discharged pack based on the Maha and W4RT chargers.

Charger	Charge Time
Maha 777 Plus-II	3 – 4 Hours
Maha 777	4 – 5 Hours
W4RT One-Fast-Charger 817	2 – 3 Hours

To operate your FT-817 while charging with an external charger, you will need to use an external power source connected to rear power plug.

When charging is complete, simply disconnect the charging jack from the OPP plug. Your FT-817 is now ready for operating.

WARRANTY

EZ-Power 817 is warranted for a period of one-year, from the date of purchase by the consumer, to be free of electrical defects in materials and workmanship, the actual battery cells are warranted for a period of 90 days. If the EZ-Power 817 is determined to be defective, the defective item will be repaired or replaced, at the sole discretion of Saratoga Amateur Radio Products, provided that the purchaser returns the product, postage prepaid, with proof of purchase to Saratoga Amateur Radio Products. Should you need to return a product, for warranty repair please contact us at 888-676-4426 to obtain a Return Merchandise Authorization (RMA) number. Any modification to the One-Plug Power or its cables, or abusive charging or discharging of the battery pack by purchaser voids this warranty. The warranty applies only to the original purchaser and is not transferable.

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