



## How Does The ADA EZ Work Without External Electrical Power

The ADA EZ is an extreme duty, low energy door opener designed for institutional, high traffic manual opening applications that occasionally requires powered operation. A regenerative drive system charges an onboard battery pack eliminating the need for electrical power.

The ADA EZ should be applied to doors using our **80/20 guideline**:

**Apply ADA EZ to a door that**

**Gets approximately 80 manual cycles or more per day**

**And is used 20% or less automatically.**

When applied using the 80/20 guideline the ADA EZ will self generate all the power it needs to keep its field replaceable, onboard, battery pack charged for up to 12 years and in some cases longer.

A fully charged battery has the capability to open a door up to 2000 times in a row, generously allowing for periodic fluctuations from 80/20 guidelines with little impact on the product's overall usability. For example 25% automatic use for one day is not a problem, so long as that level of automatic use is not sustained.

The ADA EZ utilizes a hibernation feature to reduce battery consumption after a predefined period of door inactivity. In a school or university setting the ADA EZ can sit idle for months during the summer break without any significant battery drain. Simply activate the door once manually to wake the ADA EZ up from its hibernation mode.

**The ADA EZ can be used outside of the 80/20 parameters.** Simply plug the unit into a common 110 VAC electrical outlet using our HDWR option. The HDWR option is a low voltage plug in transformer and can be added to existing installed field units.

**Please contact our Technical Support Department at 877-232-3987, email [support@adaez.com](mailto:support@adaez.com) or visit our website [www.adaez.com](http://www.adaez.com) for more information.**



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