

# Keeping Your Yellow Radio On-the-Air

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7 March 2018

Operating Without Power	
<p><b>Standard YR battery</b></p> 	<p>This is your battery that comes with the YR. Its capacity is 1800mAH. It will last 1-2 days depending on how much you transmit. It is recharged via the desktop charger.</p>
<p><b>Extended High-Capacity Battery</b></p> 	<p>This is an optional, larger high-capacity battery. Its capacity is 3800mAH or roughly twice the standard battery. It will last 2-4 days depending on how much you transmit. It is recharged via the desktop charger OR via a special 12v adapter (below). <a href="#">Amazon link</a>. \$16.</p>
<p><b>AA Battery Case</b></p> 	<p>If your standard or extended battery gives up the ghost, the YR can use an AA Battery Case. It uses regular alkaline AA batteries. The capacity of AA batteries varies widely but should be roughly the same as the standard YR battery. <a href="#">Amazon link</a>. \$7.50</p>

Running your YR off your vehicle's battery	
<p><b>Battery Eliminator</b></p> 	<p>A Battery Eliminator let's you run your YR directly from your vehicle's battery. Plugs into the cig/accessory port. A vehicle battery will last a long time. The Eliminator replaces the standard YR battery. <a href="#">Amazon link</a>. \$15</p>

### Keeping your YR batteries charged with your vehicle

#### Desktop Charger with 12v-110v Inverter



To keep either the standard or extended battery charged you can always use the regular desktop charger and a 12v-to-110AC inverter. Amazon is full of these inverters. Some have both multiple 110v outlets and USB outlets. Not the most efficient solution but it works. [Amazon link](#). \$13

#### Extended Battery 12v Charger



If you have a high-capacity, extended battery, you can charge it from your vehicle battery with this adapter. (Note that this is only for charging the battery. You should not transmit when this is plugged in.) [Amazon link](#). \$15

### Keeping your YR batteries charged with solar

#### Bioenno Power BPP-120 with Solar



#### Goal Zero Sherpa 50 with panel



These are high-capacity batteries with several output and input options. Both of these Bioenno and Goal Zero packs have outputs for USB, 12v and 110vac. And can be charged from 110vac, 12v or solar. For YR use, you would use the regular desktop charger with the 110vac output. Bioenno [Amazon link](#). \$315. Goal Zero [Amazon link](#). \$330.