

**AMERICAN WILDLIFE ENTERPRISES**  
**Custom Built Radio Transmitters for Wildlife Research**  
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**GENERAL TRANSMITTER SPECIFICATIONS\***

<b>Transmitter Number</b>	<b>Battery**</b>	<b>Dimensions LxWxH*** (cm)</b>	<b>Mounted Weight*** (grams)</b>	<b>Pulse Width (ms)</b>	<b>Pulse Rate (p/sec)</b>	<b>Peak Current (ma)</b>	<b>Antenna Length (cm)</b>	<b>Battery Life (days)</b>	<b>Attachment Styles</b>
AWE-C-1.5	1.5 v silver oxide	1.9x1x0.4 - 2.8x1.4x0.7	1.0-2.2	20-22	30-60	1.3-2.0	12-25	55-200	B,S,G,N
AWE-Bat	1.5 v silver oxide	1.2x0.5x0.3	0.25-0.35	20-22	30	2.0	15	14-35	G
AWE-Q	3v lithium	2.3x2.3x1.2	5.0-6.5	20-22	30-60	2.0-2.75	18-25	100-320	B,S,G,N
AWE-LG-11	3v lithium	2.8x2.8x1.5	10.5	20-22	30-60	2.5-4.0	25-30	300-900	B,S,G,N
AWE-LG-13	3v lithium	2.8x2.8x1.8	13	20-22	30-60	3.0-4.0	25-30	450-1,200	B,S,GN
AWE-SM-1.5	3v lithium	2.0x1.2x0.6-3.0x1.5x1.0	2.0-5.0	20-22	30-60	1.0-2.0	10-25	100-500	C,G,S
AWE-LM-3.0	3v lithium	Variable	6.0-30.0	20-22	30-60	2.0-9.0	18-30	100-750	C
AWE-Snake	3 v silver oxide	4.3x0.8x0.5-5.5x1.2x0.7	3.3-7.7	20-22	20-60	1.75-3.0	25-30	180-700	I,Sub
AWE-Waterfowl	3.0-6.0v lithium	3x1.4x1.4-4x1.8x1.8	10.0-27.0	20-22	30-60	3.0-9.0	25-30	180-900	B,N,S,Sub
Fresh Water Fish	1.5 or 3V	Variable	1.5-6	20-22	15-60	1.5-4.0	20-30 external	80-300	I,Sub
AWE-LR	6.0-9.0v	Variable	15-70	20-22	30-60	5.0-10.0	25-30	100-500	B,N,S,Sub
AWE-Turkey	1 or 2, 9v	6.5x1.9x2.3	60-100	20-22	50	5.0-10.0	30	500-1,000	B,S

\* Transmitter life, weight and output are strongly related. AWE will work with the field Biologist to custom design a transmitter that best meets the specifications of the individual research project.

\*\* All 3v models are CMOS controlled and can be modified to include mortality, activity or dormancy modes.

\*\*\* Dimensions and mounted weight will vary based on attachment style.

B: Backpack, C; Collar, G: Glue or Epoxy, N: Necklace, S: Suture, Sub: Subcutaneous implant, I: Implantable