

AGM vs Limitless NoLi Battery Comparison



Model Number	Standard AGM Battery Average Ratings	High Performance AGM Battery Average Ratings	Limitless NoLi-12AH	Limitless NoLi-30AH	Limitless NoLi-50AH
Max Charging Voltage	14.4V	14.4V	16V	16V	16V
Minimum Charging Voltage	12.6V	12.6V	10V	10V	10V
Normal Operating Temperature Range	14F-140F	14F-140F	14F-140F	14F-140F	14F-140F
Capacity (Ah)	70-80AH (Brand Dependent)	110-120AH (Brand Dependent)	12AH	30AH	50AH
Cell Life Cycles	400-600 Cycles 80% Depth of Discharge (DOD)	500-700 Cycles 80% Depth of Discharge (DOD)	4000 Cycles 80% Depth of Discharge (DOD)	4000 Cycles 80% Depth of Discharge (DOD)	4000 Cycles 80% Depth of Discharge (DOD)
Cranking Amps (CA)	950	1360	880	1500	3000
Cold Cranking Amps (CCA)	760	1100	660	1125	2250
RMS Wattage (Installed with 100A stock alternator)	800-1500W (14.4V Input Voltage)	1500-2000W (14.4V Input Voltage)	2,000-2,500W (14.6V Input Voltage)	4,000-5,500W (14.6V Input Voltage)	6,500W-8,000W (14.6V Input Voltage)
Max Burst Wattage (Installed with 100A alternator)	2,000W (14.4V Input Voltage)	2,500W (14.6V Input Voltage)	3,500W (14.6V Input Voltage)	6,000W (14.6V Input Voltage)	8,500W (14.6V Input Voltage)
RMS Amperage Output (Stand Alone for 30 seconds to 12V)	90A (Starting at 14.4V)	110A (Starting at 14.4V)	75A (Starting at 14.6V)	300A (Starting at 14.6V)	500A (Starting at 14.6V)
Max Burst Amperage Output (Stand alone for 10 seconds to 12V)	130A (Starting at 14.4V)	150A (Starting at 14.4V)	150A (Starting at 14.6V)	360A (Starting at 14.6V)	600A (Starting at 14.6V)
Maximum Charging/Input Current	30A (AGM only accepts 15-25% of its capacity)	50A (HP AGM only accepts 20-30% of its capacity)	300A (Charging above 300A Shortens the Cycle Life)	300A (Charging above 300A Shortens the Cycle Life)	450A (Charging above 450A Shortens the Cycle Life)
Mounting Options	Vertical Only	Vertical Only	Any Position	Any Position	Any Position
Dimensions Length x Width x Height	10.9" x 6.9" x 7.5"	13" x 6.8" x 9.43"	7" x 3" x 6.5"	6.88" x 6.5" x 5"	6.75" x 7.75" x 6.5"
Weight	45-60 LBS. (Brand Dependent)	70-80 LBS. (Brand Dependent)	4.10 LBS.	9.9 Lbs.	14.4 Lbs.
Group	G48	G31	BTX20	BTX30	G26R
Life Expectancy	18-36 Months (1.5-3 Years)	36-60 Months (3-5 Years)	120-180 Months (10-15 Years)	120-180 Months (10-15 Years)	120-180 Months (10-15 Years)