

GM Original Equipment Battery Ratings

Refer to the Electronic Parts Catalog for additional replacement battery information and fleet vehicle information.

BATTERY TESTING

- **The following charts are intended for North America only** and reference the original battery with which the vehicle was built.
- **If the original battery in the vehicle has been replaced**, the OE information in the battery chart may not match the battery currently installed in the vehicle. When charging and testing batteries, always use the information on the battery label.
- **When testing batteries**, select the correct SAE CCA (North America) and battery type as identified on the battery label to prevent battery damage and to ensure correct test results. Always use SAE CCA ratings when testing. If a battery RPO is listed, it identifies the metric CCA and should not be used in the set-up of the GR8 Battery Tester/Charger.
- **When testing a vehicle with two batteries**, be sure to identify the correct specifications for each battery. Primary and auxiliary batteries may not have the same specifications.
- **Batteries that are deeply discharged** will take an extended time to recharge.
- **Batteries that are cold** (less than 0°C or 32°F) can falsely fail testing. Batteries that are cold and deeply discharged must first be warmed prior to testing and charging. Always warm a cold battery to a temperature above 4°C or 40°F prior to testing.
- **For more information**, refer to the appropriate Service Information. Go to [General Information > General Information > Specifications > 12 Volt Battery Usage](#).

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BUICK							
Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Cascada	2019	1.6L L4 LWC		AGM	760	80	145
Enclave	2019	3.6L V6 LFY	Stop/Start	AGM	730	80	140
	2020	3.6L V6 LFY	Stop/Start	AGM	730	80	140
	2021	3.6L V6 LFY	Stop/Start	AGM	730	80	140
	2022	3.6L V6 LFY	Stop/Start	AGM	730	80	140
Encore	2019	1.4L L4 LE2	Stop/Start	AGM	760	70	140
		1.4L L4 LUV		FLA	525	60	105
	2020	1.4L L4 LUV		FLA	525	60	105
	2021	1.4L L4 LUV		FLA	525	60	105
	2022	1.4L L4 LE2		FLA	525	60	105
Encore GX	2020	1.2L L3 LIH 1.3L L3 L3T	Stop/Start	AGM	760	70	140
	2021	1.2L L3 LIH 1.3L L3 L3T	Stop/Start	AGM	760	70	140
	2022	1.2L L3 LIH 1.3L L3 L3T	Stop/Start	AGM	760	70	140
Envision	2019	2.0L L4 LTG 2.5L L4 LCV	Stop/Start	AGM	730	80	140
	2020	2.0L L4 LTG 2.5L L4 LCV	Stop/Start	AGM	730	80	140
	2021	2.0L L4 LSY	Stop/Start	AGM	730	80	140
	2022	2.0L L4 LSY	Stop/Start	AGM	730	80	140
Lacrosse	2019	2.5L L4 LHN		FLA	615	70	110
		3.6L V6 LGX	Stop/Start	AGM	730	80	140
Regal Sportback	2019	2.0L L4 LTG 3.6L V6 LGX	Stop/Start	AGM	760	80	145
	2020	2.0L L4 LTG 3.6L V6 LGX	Stop/Start	AGM	760	80	145
Regal TourX	2019	2.0L L4 LTG	Stop/Start	AGM	760	80	145
	2020	2.0L L4 LTG	Stop/Start	AGM	760	80	145

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Acadia	2019	2.5L L4 LCV	Stop/Start	AGM	730	80	140
		3.6L V6 LGX		FLA	660	80	135
	2020	2.0L L4 LSY 2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80	140
		2021	2.0L L4 LSY 2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80
	2022		2.0L L4 LSY 2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80
Canyon	2019	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160
	2020	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160
	2021	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160
	2022	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
2.8L L4 LWN			AGM	850	95	160	
Hummer EV	2022			AGM	730	80	140
Savana	2019	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8		FLA	600	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8 with UA1, YF2, TP3		FLA	770	63	115
	2020	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8		FLA	600	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8 with UA1, YF2, TP3		FLA	770	63	115

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Savana	2021	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.6L V8 L8T		FLA	600	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8 with UA1, YF2, TP3		FLA	770	63	115
	2022	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.6L V8 L8T		FLA	600	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8 with UA1, YF2, TP3		FLA	770	63	115
Sierra 1500 Limited	2019	5.3L V8 L83		FLA	720	80	140
		5.3L V8 L83 with K4B		FLA	730	70	110
Sierra 1500	2019	4.3L L6 LV3		FLA	730	70	110
		5.3L V8 L82		FLA	720	80	140
		2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		4.3L L6 LV3		FLA	730	70	110
	2020	5.3L V8 L82		FLA	720	80	140
		2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160
		4.3L L6 LV3		FLA	730	70	110
	2021	5.3L V8 L82		FLA	720	80	140
		2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160
		4.3L L6 LV3		FLA	730	70	110
	2022	2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Sierra 2500/3500 HD	2019	6.0L V8 L96 6.0L V8 LC8		AGM	730	80	140
		6.0L V8 L96 6.0L V8 LC8 with K4B		FLA	730	70	110
		6.6L V8 L5P		FLA	730	70	110
	2020	6.6L V8 L8T		FLA	720	80	140
		6.6L V8 L5P 6.6L V8 L8T with K4B		FLA	730	70	110
	2021	6.6L V8 L8T		FLA	720	80	140
		6.6L V8 L5P 6.6L V8 L8T with K4B		FLA	730	70	110
	2022	6.6L V8 L8T		FLA	720	80	140
		6.6L V8 L5P 6.6L V8 L8T with K4B		FLA	730	70	120
	Terrain	2019	1.5L L4 LYX 1.6L L4 LH7 2.0L L4 LTG	Stop/Start	AGM	700	70
2020		1.5L L4 LYX 1.6L L4 LH7 2.0L L4 LTG	Stop/Start	AGM	700	70	120
2021		1.5L L4 LYX	Stop/Start	AGM	700	70	120
2022		1.5L L4 LYX 2.0L L4 LSY	Stop/Start	AGM	700	70	120
Yukon/XL	2019	5.3L V8 L83 6.2L V8 L86		FLA	720	80	140
		5.3L V8 L83 6.2L V8 L86 with K4B		FLA	730	70	110
	2020	5.3L V8 L83 6.2L V8 L86		FLA	720	80	140
	2021	3.0L L6 LM2	Stop/Start	AGM	850	95	160
		5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
	2022	3.0L L6 LM2	Stop/Start	AGM	850	95	160
5.3L V8 L84 6.2L V8 L87		Stop/Start	AGM	730	80	140	

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CADILLAC							
Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
ATS	2019	2.0L L4 LTG 3.6L V6 LGX	Stop/Start	AGM	730	80	140
		3.6L V6 LF4		AGM	700	70	120
CT4	2020	2.0L L4 LSY 2.7L L4 L3B	Stop/Start	AGM	730	80	140
		2.0L L4 LSY 2.7L L4 L3B	Stop/Start	AGM	730	80	140
	2021	3.6L V6 LF4		AGM	700	70	120
		2.0L L4 LSY 2.7L L4 L3B	Stop/Start	AGM	730	80	140
		3.6L V6 LF4		AGM	700	70	120
CT5	2020	2.0L L4 LSY 3.0L V6 LGY	Stop/Start	AGM	730	80	140
		2.0L L4 LSY 3.0L V6 LGY	Stop/Start	AGM	730	80	140
	2021	6.2L V8 LT4		AGM	700	70	120
		2.0L L4 LSY 3.0L V6 LGY	Stop/Start	AGM	730	80	140
		6.2L V8 LT4		AGM	700	70	120
CT6	2019	2.0L L4 LSY 3.0L V6 LGW 3.6L V6 LGX 4.2L V8 LTA	Stop/Start	AGM	850	95	160
		3.6L V6 LGX 4.2L V8 LTA	Stop/Start	AGM	850	95	160
CTS	2019	3.6L V6 LF3 6.2L V8 LT4		AGM	730	80	140
Escalade/ESV	2019	6.2L V8 L86		FLA	720	80	140
	2020	6.2L V8 L86		FLA	720	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160
	2021	6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160
		6.2L V8 L87	Stop/Start	AGM	850	95	160
XT4	2019	2.0L L4 LSY	Stop/Start	AGM	730	80	140
	2020	2.0L L4 LSY	Stop/Start	AGM	730	80	140
	2021	2.0L L4 LSY	Stop/Start	AGM	730	80	140
	2022	2.0L L4 LSY	Stop/Start	AGM	730	80	140

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
XT5	2019	2.0L L4 LSY 3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2020	2.0L L4 LSY 3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2021	2.0L L4 LSY 3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2022	2.0L L4 LSY 3.6L V6 LGX	Stop/Start	AGM	730	80	140
XT6	2020	3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2021	2.0L L4 LSY 3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2022	2.0L L4 LSY 3.6L V6 LGX	Stop/Start	AGM	730	80	140
XTS	2019	3.6L V6 LFX, LF3		FLA	660	80	135

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Blazer	2019	2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2020	2.0L L4 LSY 2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80	140
		2.0L L4 LSY 2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80	140
	2022	2.0L L4 LSY 2.5L L4 LCV 3.6L V6 LGX	Stop/Start	AGM	730	80	140
Bolt EV	2019			AGM	520	50	80
	2020			AGM	520	50	80
	2021			AGM	520	50	80
	2022			AGM	520	50	80
Bolt EUV	2022			AGM	520	50	80
Camaro	2019	2.0L L4 LTG 3.6L V6 LGX 6.2L V8 LT1, LT4		AGM	700	70	120
	2020	2.0L L4 LTG 3.6L V6 LGX 6.2L V8 LT1, LT4		AGM	700	70	120
	2021	2.0L L4 LTG 3.6L V6 LGX 6.2L V8 LT1, LT4		AGM	700	70	120
	2022	2.0L L4 LTG 3.6L V6 LGX 6.2L V8 LT1, LT4		AGM	700	70	120
Colorado	2019	2.5L L4 LCV 3.6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160
	2020	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160
	2021	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160
	2022	2.5L L4 LCV 3.6 V6 LGZ		FLA	615	70	110
		2.8L L4 LWN		AGM	850	95	160

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Corvette	2019	6.2L V8 LT1, LT4, LT5		FLA	615	70	110
	2020	6.2L V8 LT2		FLA	730	70	110
	2021	6.2L V8 LT2		FLA	730	70	110
	2022	6.2L V8 LT2		FLA	730	70	110
Cruze	2019	1.4L L4 LE2 1.6L L4 LH7	Stop/Start	AGM	730	80	140
Equinox	2019	1.5L L4 LYX 1.6L L4 LH7 2.0L L4 LTG	Stop/Start	AGM	700	70	120
	2020	1.5L L4 LYX 2.0L L4 LTG	Stop/Start	AGM	700	70	120
	2021	1.5L L4 LYX	Stop/Start	AGM	700	70	120
	2022	1.5L L4 LYX 2.0L L4 LSY	Stop/Start	AGM	700	70	120
Express	2019	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8		FLA	600	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8 with UA1, YF2, TP3		FLA	770	63	115
	2020	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8		FLA	600	63	115
		4.3L V6 LV1 6.0L V8 L96 6.0L V8 LC8 with UA1, YF2, TP3		FLA	770	63	115
	2021	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.6L V8 L8T		FLA	600	63	115
		4.3L V6 LV1 6.6L V8 L8T with YF2 or TP3		FLA	770	63	115
	2022	2.8L L4 LWN		FLA	770	63	115
		4.3L V6 LV1 6.6L V8 L8T		FLA	600	63	115
		4.3L V6 LV1 6.6L V8 L8T with YF2 or TP3		FLA	770	63	115

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/ Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Impala	2019	2.5L L4 LCV	Stop/Start	AGM	730	80	140
		2.5L L4 LCV	Stop/Start	Stop/Start AGM	155	10	12
		3.6L V6 LFX		FLA	615	70	110
	2020	3.6L V6 LFX		FLA	615	70	110
Malibu	2019	1.5L L4 LfV	Stop/Start	AGM	700	70	120
		1.8L L4 LKN		FLA	525	60	90
		2.0L L4 LTG		FLA	660	80	135
	2020	1.5L L4 LfV	Stop/Start	AGM	700	70	120
		2.0L L4 LTG		FLA	660	80	135
	2021	1.5L L4 LfV	Stop/Start	AGM	700	70	120
		2.0L L4 LTG		FLA	660	80	135
	2022	1.5L L4 LfV	Stop/Start	AGM	700	70	120
2.0L L4 LTG			FLA	660	80	135	
Silverado 1500 LD	2019	5.3L V8 L83		FLA	720	80	140
		5.3L V8 L83 with K4B		FLA	730	70	110
Silverado 1500	2019	4.3L L6 LV3		FLA	730	70	110
		5.3L V8 L82		FLA	720	80	140
		2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		4.3L L6 LV3		FLA	730	70	110
	2020	5.3L V8 L82		FLA	720	80	140
		2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160
		4.3L L6 LV3		FLA	730	70	110
	2021	5.3L V8 L82		FLA	720	80	140
		2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160
		4.3L L6 LV3		FLA	730	70	110
	2022	2.7L L4 L3B 5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		3.0L L6 LM2	Stop/Start	AGM	850	95	160

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Silverado 2500/3500 HD	2019	6.0L V8 L96 6.0L V8 LC8		AGM	730	80	140
		6.0L V8 L96 6.0L V8 LC8 with K4B		FLA	730	70	110
		6.6L V8 L5P		FLA	730	70	110
	2020	6.6L V8 L8T		FLA	720	80	140
		6.6L V8 L5P 6.6L V8 L8T with K4B		FLA	730	70	110
	2021	6.6L V8 L8T		FLA	720	80	140
		6.6L V8 L5P 6.6L V8 L8T with K4B		FLA	730	70	110
	2022	6.6L V8 L8T		FLA	720	80	140
		6.6L V8 L5P 6.6L V8 L8T with K4B		FLA	730	70	120
	Sonic	2019	1.4L L4 LUV		FLA	525	60
2020		1.4L L4 LUV		FLA	525	60	90
Spark	2019	1.4L L4 LV7		FLA	410	50	80
	2020	1.4L L4 LV7		FLA	410	50	80
	2021	1.4L L4 LV7		FLA	410	50	80
	2022	1.4L L4 LV7		FLA	410	50	80
Tahoe/ Suburban	2019	5.3L V8 L83 6.2L V8 L86		FLA	720	80	140
		5.3L V8 L83 6.2L V8 L86 with K4B		FLA	730	70	110
	2020	5.3L V8 L83 6.2L V8 L86		FLA	720	80	140
		5.3L V8 L83 6.2L V8 L86 with K4B		FLA	730	70	110
	2021	3.0L L6 LM2	Stop/Start	AGM	850	95	160
		5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		5.3L V8 L84 with 5W4 or 9C1	Stop/Start	AGM	850	95	160
		5.3L V8 L84 with 5W4 or 9C1	Stop/Start	Auxiliary AGM	700	70	120

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Model	Model Year	Engine RPO	Equipped with Stop/Start (RPO KL9)	Absorbent Glass Mat (AGM)/Flooded Lead Acid (FLA)	OE CCA	OE AH	OE RC
Tahoe/ Suburban	2022	3.0L L6 LM2	Stop/Start	AGM	850	95	160
		3.0L L6 LM2 5.3L V8 L84 with 5W4 or 9C1	Stop/Start	AGM	850	95	160
		5.3L V8 L84 6.2L V8 L87	Stop/Start	AGM	730	80	140
		5.3L V8 L84 with 5W4 or 9C1	Stop/Start	Auxiliary AGM	700	70	120
Trailblazer	2021	1.2L L3 LIH 1.3L L3 L3T	Stop/Start	AGM	760	70	140
	2022	1.2L L3 LIH 1.3L L3 L3T	Stop/Start	AGM	760	70	140
Traverse	2019	2.0L L4 LTG 3.6L V6 LFY	Stop/Start	AGM	730	80	140
	2020	3.6L V6 LFY	Stop/Start	AGM	730	80	140
	2021	3.6L V6 LFY	Stop/Start	AGM	730	80	140
	2022	3.6L V6 LFY	Stop/Start	AGM	730	80	140
Trax	2019	1.4L L4 LUV with BUP		FLA	525	60	105
	2020	1.4L L4 LUV		FLA	525	60	105
	2021	1.4L L4 LEA 1.4L L4 LUV		FLA	525	60	105
		2022	1.4L L4 LE2		FLA	525	60
Volt	2019	1.5L L4 L3A		AGM	600	60	95