



Sealed VRLA Gel Batteries
Made in the USA



Advanced design / manufacturing, including IPF® Technology combine to make MK Battery's Sealed VRLA Gel Batteries the standard by which all other gel batteries are measured.

FEATURES

- 100% Maintenance-Free
- IPF® Technology
- Recombinant construction with gelled electrolyte
- Thick consistency of gelled electrolyte and tight-pack construction
- Over 250 quality control checks

BENEFITS

- No need to check electrolyte levels
- Optimizes power capacity, cell consistency and long-term reliability
- Eliminates spills, gases and terminal corrosion under normal operating conditions
- Prevents the damaging effects of vibration
- Guarantees highest quality, performance and reliability



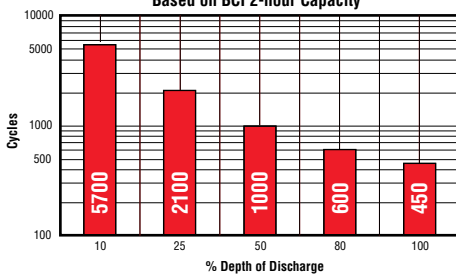
GEL SPECIFICATIONS

Description			Nominal Ah Capacity*		Peak Ah Capacity**		Minutes Discharged @*		CA	Weight	Dimensions – Inches (mm)			Footnotes
Model	Terminal	Voltage	5 Hr Rate	20 Hr Rate	5 Hr Rate	20 Hr Rate	25 Amps	75 Amps	@ 32° F	Approx. Lbs. (kg)	L	W	H [■]	
8GGC2	U	6	147	180	154	189	375	92	850	69 (31)	10.25 (260)	7.09 (180)	10.88 (276)	2, 3, 5
8GTE35	S	6	167	196	180	210	420	109	-	69 (31)	9.64 (245)	7.51 (191)	10.65 (270)	4
8G8VGC	U	8	114	140	114	147	270	75	575	70 (32)	10.31 (262)	7.15 (182)	10.89 (277)	4
8GU1	Y	12	26.8	31.6	28.4	33.3	47	5	290	23.5 (11)	7.71 (196)	5.18 (132)	7.22 (183)	2, 3, 4
8GU1H	Y	12	26.8	31.6	28.4	33.3	47	5	290	23.5 (11)	8.31 (211)	5.18 (132)	7.22 (183)	1, 2, 3, 4
8G40	C	12	34.0	40.0	36.0	42.1	63	11	325	31.5 (14)	7.76 (197)	6.62 (168)	6.87 (175)	2, 3, 4
8G22NF	G	12	43.2	51.0	45.8	53.7	82	13	300	37.5 (17)	8.99 (228)	5.47 (139)	9.24 (235)	2, 3, 4
8G34	C	12	47.5	60.0	50.3	63.2	96	21	420	38.5 (17)	10.20 (259)	6.65 (169)	7.05 (179)	2, 3, 4
8G24	U	12	63.0	73.6	66.0	77.0	140	35	575	51.5 (23)	10.90 (277)	6.56 (167)	9.31 (236)	1, 6
8G24 FT	C	12	63.0	73.6	66.0	77.0	140	33	470	51.5 (23)	10.20 (259)	6.80 (173)	8.24 (209)	2, 3, 4
8G24 UT	G	12	63.0	73.6	66.0	77.0	140	33	470	51.5 (23)	10.20 (259)	6.56 (167)	9.24 (235)	2, 3, 4
8G27	U	12	72.0	88.0	76.0	91.0	170	40	700	62 (28)	12.83 (326)	6.56 (167)	9.45 (240)	1, 6
8G27-T876	B	12	72.0	88.0	76.0	91.0	170	40	550	62 (28)	12.83 (326)	6.56 (167)	9.30 (236)	1, 2, 3, 4
8G27-T881	G	12	72.0	88.0	76.0	91.0	170	40	550	62 (28)	12.83 (326)	6.56 (167)	9.24 (235)	2, 3, 4
8G30H	B	12	80.5	97.6	85.0	102	190	51	640	68.5 (31)	12.93 (329)	6.75 (171)	9.76 (248)	1, 2, 3, 4
8G31DT	U	12	80.5	97.6	85.0	102	190	51	780	68.5 (31)	12.93 (329)	6.75 (171)	9.34 (237)	1, 6
8G31	X	12	80.5	97.6	85.0	102	190	51	640	68.5 (31)	12.93 (329)	6.75 (171)	9.34 (237)	1, 2, 3, 4
8G5SHP	B	12	96.8	115	110	125	218	53	-	84.5 (38)	13.58 (345)	6.77 (172)	11.42 (290)	1, 4
8G5SHP AP	S	12	96.8	115	110	125	218	53	-	84.5 (38)	13.58 (345)	6.75 (171)	11.01 (280)	1, 4
8G4D	S	12	153	183	153	193	395	105	1245	136.5 (62)	20.75 (527)	8.44 (214)	10.00 (254)	1, 4
8G4D LTP	T	12	153	183	153	193	395	105	1245	136.5 (62)	20.75 (527)	8.44 (214)	10.82 (275)	1, 4
8G8D	S	12	188	225	188	237	500	135	1470	166.5 (76)	21.03 (534)	11.00 (279)	9.89 (251)	1, 4
8G8D LTP	T	12	188	225	188	237	500	135	1470	166.5 (76)	21.03 (534)	11.00 (279)	10.82 (275)	1, 4

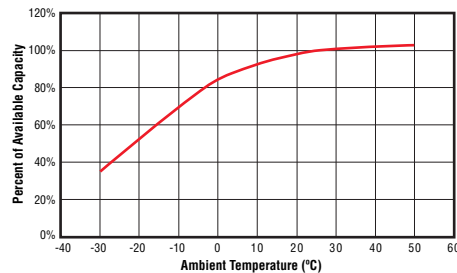
* Nominal Ah Capacity @ 77°F (25°C). All ratings are after 15 cycles and conform to B.C.I. specifications. ■ TOTAL HEIGHT INCLUDES TERMINALS.

** Peak Rating [1.75 vpc @ 77°F (25°C)]. Maximum amount of amp-hours a battery can deliver at a specified rate. NOTE: Reference www.mkbattery.com for the most current battery specifications.

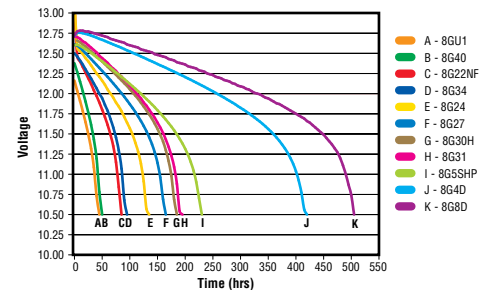
Gel Cycle Life vs Depth of Discharge at +25°C (77°F)
Based on BCI 2-hour Capacity



Capacity vs Operating Temperature



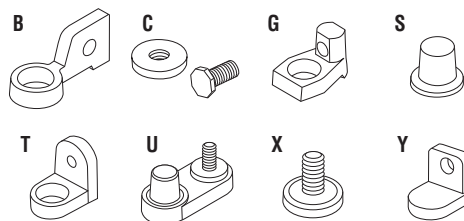
Reserve Capacity Profile



TERMINALS

- B** Flag terminal with 3/8" diameter hole (T876)
- C** Insert with 1/4" - 20 round hole
- G** Offset post with horizontal hole, stainless steel 5/16" bolt & hex nut (T881)
- S** SAE "Automotive Post" (TSAE)
- T** Heavy Duty "L" terminal with 3/8" diameter hole (T975)

- U** Molded-in offset SAE post & vert 5/16" NEG. & 5/16" POS. stainless steel studs & wing nuts
- X** 3/8" - 16 stainless steel threaded post
- Y** Small "L" terminal with 5/16" diameter hole



FOOTNOTES

- 1 Includes Handle
- 2 "Non-Spillable" defined by DOT (Department of Transportation) definitions
- 3 "Non-Spillable" defined by ICAO (International Commercial Airline Organization) and IATA (International Airline Transport Association) definitions
- 4 Standard Cycle Life
- 5 Standard Cycle Life x 2
- 6 Standard Cycle Life x .67

IMPORTANT CHARGING INSTRUCTIONS: WARRANTY VOID IF OPENED OR IMPROPERLY CHARGED. Constant under or overcharging will damage any battery and shorten its life! Use a good constant potential, voltage-regulated charger. For 12-volt batteries, charge to at least 13.8 volts but no more than 14.6 volts at 77°F (25°C). For 8-volt batteries, charge to at least 9.2 volts but no more than 9.7 volts at 77°F (25°C). For 6-volt batteries, charge to at least 6.9 volts but no more than 7.35 volts at 77°F (25°C). Do not charge in a sealed container.

MK Battery • 1631 South Sinclair Street • Anaheim, CA 92806
Toll Free 800-372-9253 • Tel 714-937-1033 • Fax 714-937-0818
Website: www.mkbattery.com • Email: sales@mkbattery.com