

# Deka®

# DOMINATOR®

## GEL MARINE / RV BATTERIES



*Dominator* gel batteries offer many significant advantages over conventional liquid acid batteries. Because there is no liquid electrolyte to leak or spill out of the battery, the *Dominator* can easily be installed in hard-to-reach locations. There is no need to check fluid levels. The *Dominator's* gelled construction also prevents vibration damage to plates. The *Dominator* even works under water!



### THE DEEPEST OF DEEP CYCLE SERVICE!

- Longer Deep Cycle Life
- More Operating/Trolling Time
- Faster Recharge/Longer Life
- Ideal for Remote Locations



QUALITY SYSTEM  
CERTIFIED  
**ISO 9001**  
**ISO/TS 16949**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**

# Deka® DOMINATOR® GEL MARINE/RV BATTERIES

**NON-SPILLABLE** by DOT (Department of Transportation), ICAO (International Commercial Airline Organization) and IATA (International Airline Transport Association) definitions.\*

### The Dominator vs. Conventional Liquid Acid Batteries

Deka introduces a marine battery second to none. The Dominator contains electrolyte that is permanently locked in a thixotropic gel, instead of conventional and messy liquid acid. Our gelled electrolyte batteries offer many significant advantages over conventional liquid acid batteries. Because there is no liquid electrolyte to leak or spill out of the battery, the Dominator can be easily installed in hard-to-reach locations. Because it has gelled electrolyte, there is no need to check fluid levels. The Dominator's gelled construction also prevents vibration damage to plates. The Dominator even works under water.

### Potential Applications for the Deka Dominator Marine Battery

Buoy Lighting	Engine Starting	Safety Lighting
Communication Equipment	House Power	Security Systems
Control Equipment	Marine Equipment	Ships' Batteries
Emergency Lighting	Navigation Beacons	Trolling Motors
Emergency Power	Radar Stations	Other Deep-Discharge Applications
Supply Systems	Radio Relay Stations	

FEATURE	BENEFIT
100% maintenance-free	No need to check electrolyte levels
Easy to install	Convenient for hard-to-reach connection and hook-up
Non-spillable by ICAO (International Commercial Airline Organization), IATA (International Airline Transport Association), and DOT (Department of Transportation) definitions*	Transports easily by air without special containers
Recombinant construction with gelled electrolyte	Virtually eliminates dangerous spills, gasses and terminal corrosion
Power-Perform® full-frame plates and specially formulated oxide	For maximum durability, power and life
Thick consistency of gelled electrolyte and tight-pack construction	Prevents the damaging effects of vibration
Self-discharge rate of less than 2% per month (at 77°F)	Recharges even if left discharged for months
Over 250 quality control checks	Guarantees highest quality, performance and reliability
Made in U.S.A.	Your assurance of quality

### THE DOMINATOR DIFFERENCE

- Longer running time and life than comparable wet cell batteries.
- No watering needed - totally maintenance-free.
- Spillproof - prevents acid spills and terminal corrosion.
- Safe, convenient operation - gassing and sulfating are virtually eliminated.
- Flexibility - can be installed in any position (*upside-down not recommended*).
- Superior resistance to vibration damage.

Group No.	Type No.	Footnotes	Volts	Minutes Discharged at						Ampere Hour Capacity						Approx. Weight		Dimensions		
				75	50	25	15	8	5	100 Hr.	20 Hr.	6 Hr.	5 Hr.	3 Hr.	1 Hr.			L	W	H
				Amps	Amps	Amps	Amps	Amps	Amps	Rate	Rate	Rate	Rate	Rate	Rate	Lbs.	Kgs.	In.	mm	In.
U1	8GU1	4,38,39,44,Y	12	5	12	47	90	190	325	36.0	31.6	28.0	26.8	25.5	21.0	23.5 (10.7)	7 <sup>3</sup> / <sub>16</sub> (197)	5 <sup>1</sup> / <sub>2</sub> (130)	7 <sup>1</sup> / <sub>4</sub> (184)	
	8GU1H	4,17,38,39,44,Y	12	5	12	47	90	190	325	36.0	31.6	28.0	26.8	25.5	21.0	23.5 (10.7)	8 <sup>5</sup> / <sub>16</sub> (211)	5 <sup>1</sup> / <sub>2</sub> (130)	7 <sup>1</sup> / <sub>4</sub> (184)	
22NF	8G22NF	4,38,39,44,G	12	13	27	82	157	250	557	58.0	51.0	43.6	43.2	39.9	31.8	37.5 (17.1)	9 (228)	5 <sup>1</sup> / <sub>2</sub> (140)	9 <sup>1</sup> / <sub>4</sub> (235)	
	8G40C	4,38,39,44,C	12	11	21	63	120	250	430	48.0	40.0	35.0	34.0	31.9	25.8	31.5 (14.3)	7 <sup>3</sup> / <sub>16</sub> (197)	6 <sup>3</sup> / <sub>16</sub> (168)	6 <sup>3</sup> / <sub>16</sub> (175)	
24M	8G24M	4,17,38,39,44,U	12	35	57	140	245	500	845	84.5	73.6	64.5	63.0	59.3	48.5	51.5 (23.4)	10 <sup>1</sup> / <sub>16</sub> (276)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
	8G24	4,17,38,39,44,G	12	33	57	140	245	500	845	84.5	73.6	64.5	63.0	59.3	48.5	51.5 (23.4)	10 <sup>1</sup> / <sub>16</sub> (276)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
24	8G24NH	4,38,39,44,G	12	33	57	140	245	500	845	84.5	73.6	64.5	63.0	59.3	48.5	51.5 (23.4)	10 <sup>1</sup> / <sub>16</sub> (276)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
	8G24SS	4,38,39,44,C	12	33	57	140	245	500	845	84.5	73.6	64.5	63.0	59.3	48.5	51.5 (23.4)	10 <sup>1</sup> / <sub>16</sub> (276)	6 <sup>3</sup> / <sub>16</sub> (171)	8 <sup>3</sup> / <sub>4</sub> (210)	
27M	8G27M	4,17,38,39,44,U	12	40	70	170	300	605	1000	99.0	88.0	76.0	72.0	69.9	57.0	62 (28.1)	12 <sup>1</sup> / <sub>16</sub> (324)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
	8G27	4,17,38,39,44,G	12	40	70	170	300	605	1000	99.0	88.0	76.0	72.0	69.9	57.0	62 (28.1)	12 <sup>1</sup> / <sub>16</sub> (324)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
27	8G27/T876	4,17,38,39,44,B	12	40	70	170	300	605	1000	99.0	88.0	76.0	72.0	69.9	57.0	62 (28.1)	12 <sup>1</sup> / <sub>16</sub> (324)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (235)	
	8G30H	4,17,38,39,44,B	12	51	84	190	335	690	1160	108.0	97.6	85.2	80.5	78.6	64.5	68.5 (31.1)	12 <sup>1</sup> / <sub>16</sub> (329)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (248)	
31M	8G31DTM	4,16,17,38,39,44,A	12	51	84	190	335	690	1160	108.0	97.6	85.2	80.5	78.6	64.5	68.5 (31.1)	12 <sup>1</sup> / <sub>16</sub> (329)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
31	8G31	4,17,38,39,44,X	12	51	84	190	335	690	1160	108.0	97.6	85.2	80.5	78.6	64.5	68.5 (31.1)	12 <sup>1</sup> / <sub>16</sub> (329)	6 <sup>3</sup> / <sub>16</sub> (171)	9 <sup>1</sup> / <sub>4</sub> (238)	
34R	8G34R	4,38,39,44,C	12	21	39	96	172	368	640	70.0	60.0	48.9	47.5	43.5	36.0	38.5 (17.5)	10 <sup>5</sup> / <sub>16</sub> (259)	6 <sup>3</sup> / <sub>16</sub> (171)	7 (178)	
4D	8G4D	4,17,44	12	105	175	395	685	1385	2300	210.0	183.0	160.0	153.0	148.0	122.0	127.5 (57.9)	20 <sup>1</sup> / <sub>16</sub> (527)	8 <sup>3</sup> / <sub>16</sub> (216)	10 (254)	
8D	8G8D	4,17,44	12	135	220	500	890	1750	3000	265.0	225.0	198.0	188.0	182.0	150.0	157 (71.2)	20 <sup>1</sup> / <sub>16</sub> (527)	11 (279)	10 (254)	
GC2	8GGC2	4,38,39,44,U	6	92	155	375	680	1360	2200	198.0	180.0	155.0	147.0	136.0	99.0	69 (31.3)	10 <sup>1</sup> / <sub>16</sub> (260)	7 <sup>1</sup> / <sub>16</sub> (181)	10 <sup>1</sup> / <sub>16</sub> (276)	
GC8	8G8VGC	4,44,U	8	75	120	270	500	1040	1800	160.0	140.0	117.0	114.0	107.0	90.5	70 (31.5)	10 <sup>1</sup> / <sub>16</sub> (260)	7 <sup>1</sup> / <sub>16</sub> (181)	10 <sup>1</sup> / <sub>16</sub> (276)	
5SHP	8G5SHP	4,17,44	12	53	90	218	406	835	1370	123.0	115.0	99.7	96.8	87.7	68.9	84.5 (38.3)	13 <sup>1</sup> / <sub>16</sub> (345)	6 <sup>3</sup> / <sub>16</sub> (172)	11 (280)	
	8G5SHP876	4,17,44,B	12	53	90	218	406	835	1370	123.0	115.0	99.7	96.8	87.7	68.9	84.5 (38.3)	13 <sup>1</sup> / <sub>16</sub> (345)	6 <sup>3</sup> / <sub>16</sub> (172)	11 <sup>1</sup> / <sub>16</sub> (290)	

### ALL RATINGS ARE AFTER 15 CYCLES AND CONFORM TO B.C.I. SPECIFICATIONS.

All batteries manufactured in polypropylene cases and covers.

**IMPORTANT CHARGING INSTRUCTIONS:** WARRANTY VOID IF OPENED OR IMPROPERLY CHARGED. Do not install in a sealed container. Constant under or overcharging will damage any battery and shorten its life! Use a 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 7.3 volts at 77°F (25°C). The open circuit voltage of a fully charged 12-volt battery is 12.8V at 77°F (25°C). However, as the battery charges, the building internal pressure (voltage) causes resistance to the charge. Therefore, the on-charge voltage must be higher (at least 13.8V) to overcome this internal pressure (voltage) during charging.

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. **WASH HANDS AFTER HANDLING.**

### FOOTNOTES:

- 4 - Gray cover / Gray case
- 16 - Dual Terminal Universal Design
- 17 - Includes handle
- 38 - "Non-spillable" defined by DOT (Department of Transportation) definitions
- 39 - "Non Spillable" defined by ICAO (International Civil Aviation Organization) and IATA (International Air Transport Association) definitions
- 44 - Free replacement warranty is 3 months in full electric vehicle use
  - A - Flush combination terminal w/ 5/16" stud and SAE post, hex nuts included
  - B - Flag terminal w/ 3/8" diameter hole (T876)
  - C - 1/4" x 20 copper insert terminal
  - G - Offset post w/ horizontal hole, stainless steel 5/16" bolt and hex nut (T881)
  - U - SAE post and vertical 5/16" NEG/POS stainless steel studs and hex nuts
  - X - 3/8" x 16 stainless steel stud posts
  - Y - Small L terminal with round holes
- \* 8VGC, 4D, 8D, 5SHP currently not classified as non-spillable



East Penn Manufacturing Co. Lyon Station, PA 19536-0147 Phone: 610-682-6361 Fax: 610-682-4781 [www.dekabatteries.com](http://www.dekabatteries.com)

Form No. 0909 08/18

© 2018 by EPM Printed in U.S.A.

All data subject to change without notice. No part of this document may be copied or reproduced, electronically or mechanically, without written permission from the company.