

# 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**

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# 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

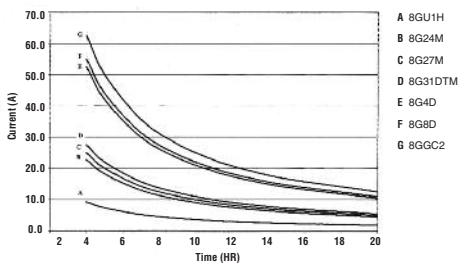
- |                         |                      |                                   |
|-------------------------|----------------------|-----------------------------------|
| Buoy Lighting           | Engine Starting      | Safety Lighting                   |
| Communication Equipment | House Power          | 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

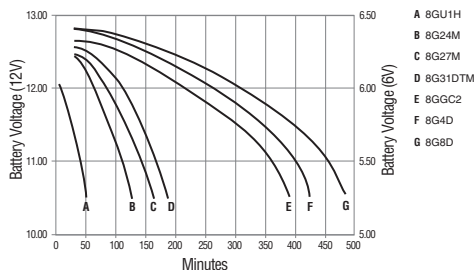
### THE DOMINATOR DIFFERENCE

- 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.

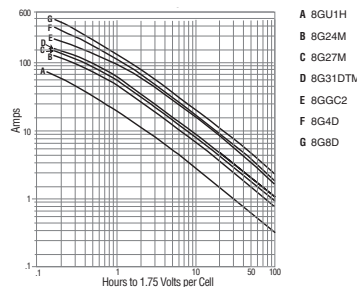
CHARGE CURRENT VS. CHARGE TIME



GEL RESERVE CAPACITY DISCHARGE AT 25 AMPS



GEL LINE - RATINGS



### MARINE GEL SEALED VALVE REGULATED

Part No.	Foot Notes	Volts	CCA @ 0°F	Res. Capacity @ 80°F	Ref. CA @ 32°F	Minutes Discharged at**					Ampere Hour Capacity**				Approx. Wt. Lbs. (Kgs.)	Dimensions In (mm)			
						75 Amps	50 Amps	25 Amps	15 Amps	8 Amps	5 Amps	20 Hr. Rate	6 Hr. Rate	3 Hr. Rate		1 Hr. Rate	L	W	H
8GU1H	4,17,38,39,Y	12	200	44	290	5	12	47	90	190	325	31.6	28.0	25.5	21.0	23.0 (10.4)	8 3/8 (211)	5 1/2 (130)	7 1/4 (184)
8G24M	4,17,38,39,U	12	410	132	575	33	57	140	245	500	845	73.6	64.5	59.3	48.5	52.0 (23.5)	10 1/2 (276)	6 3/4 (171)	9 1/2 (251)
8G27M	4,17,38,39,U	12	505	160	700	40	70	170	300	605	1000	86.4	76.0	69.9	57.0	63.0 (28.5)	12 3/8 (324)	6 3/4 (171)	9 1/2 (251)
8G31DTM	4,17,38,39,U	12	550	180	780	51	84	190	335	690	1160	97.6	85.2	78.6	64.5	70.0 (31.7)	12 3/8 (329)	6 3/4 (171)	9 1/2 (238)
8GGC2	4,38,39,G	6	585	345	850	92	155	375	680	1360	2200	180.0	155.0	136.0	99.0	68.0 (30.8)	10 1/2 (260)	7 1/2 (181)	10 1/2 (276)
8G4D*	4,17,S	12	970	375	1245	105	175	395	685	1385	2300	183.0	160.2	147.6	122.0	127.0 (57.5)	20 1/2 (527)	8 1/2 (216)	10 (254)
8G8D*	4,17,S	12	1150	475	1470	135	220	500	890	1750	3000	225.0	198.0	182	150.0	157.0 (71.1)	20 1/2 (527)	11 (279)	10 (254)

\*\* NOMINAL

ALL RATINGS ARE AFTER 15 CYCLES AND CONFORM TO B.C.I. SPECIFICATIONS.  
 All batteries manufactured in gray polypropylene cases and covers except where noted.  
**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 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 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.

FOOTNOTES:

- 4 - Gray cover/Gray case
- 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
- \* 4D and 8D currently not classified as non-spillable
- G - Offset post w/ horizontal hole, stainless steel 5/16" bolt & hex nut
- S - SAE "automotive type" post
- U - Molded-in offset SAE post & vertical 5/16" NEG., 3/8" POS. stainless steel studs and hex nuts
- Y - Terminals have round holes



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