

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

100% maintenance-free

Easy to install

Non-spillable by ICAO (International Commercial Airline Organization), IATA (International Airline Transport Association), and DOT (Department of Transportation) definitions*

Recombinant construction with gelled electrolyte

Power-Perform® full-frame plates and specially formulated oxide

Thick consistency of gelled electrolyte and tight-pack construction

Self-discharge rate of less than 2% per month (at 77°F)

Over 250 quality control checks

Made in U.S.A.

BENEFIT

No need to check electrolyte levels

Convenient for hard-to-reach connection and hook-up

Transports easily by air without special containers

Virtually eliminates dangerous spills, gasses and terminal corrosion

For maximum durability, power and life

Prevents the damaging effects of vibration

Recharges even if left discharged for months

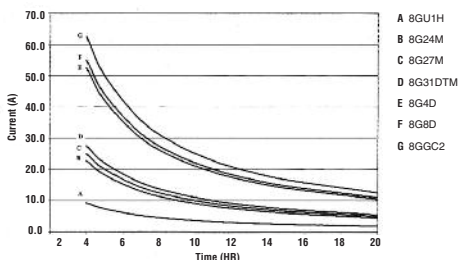
Guarantees highest quality, performance and reliability

Your assurance of quality

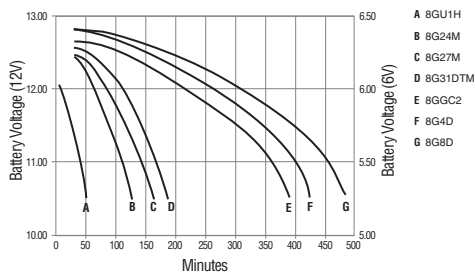
THE DOMINATOR DIFFERENCE

- 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.

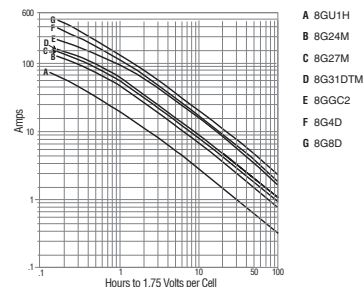
CHARGE CURRENT VS. CHARGE TIME



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 3/4 (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 1/2 (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 1/2 (324)	6 1/2 (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 1/2 (329)	6 1/2 (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.

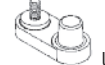
All batteries manufactured in gray polypropylene cases and covers except where noted.

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



East Penn Manufacturing Co. Lyon Station, PA 19536-0147 Phone: 610-682-6361 Fax: 610-682-4781 www.eastpenn-deka.com

