



Deka Gel 6-Volt Electric Vehicle Battery offers faster recharge for clean, dependable power.

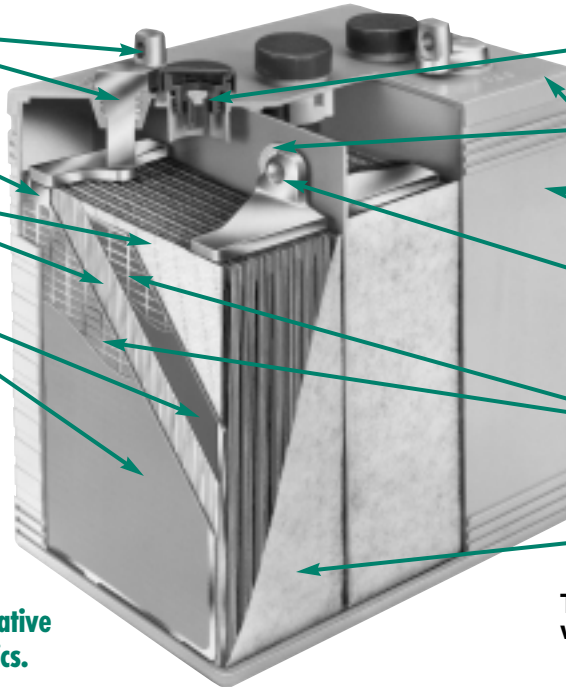
Forged Terminal Posts and Bushings

Brushed Plate Lugs

Premium Glass Mat Separators

Heavy-Duty Plates with High-Density Deep-Cycle Oxide

Deka Gel Electric Vehicle Batteries are clean and safe, making them ideal for use in golf cars, personnel carriers, and floor scrubbers/sweepers, where acid leaks could damage floors, walkways and carpeting. They are also well suited for alternative energy sources, such as photovoltaics.



Pressure Control Valve

Intercell Gasket

Polypropylene Case & Cover

Through-the-Partition Connectors

Calcium/Copper Grid Alloy

Reinforcing Fiberglass Mat

Tight-Pack Construction with Gelled Electrolyte

- **Critical pressure control valve** maintains critical internal pressure while safely expelling excess gas generated during overcharging, for longer battery life. 100% tested for highest performance.
- **Exclusive intercell gasket** prevents intercell voltage leaks for much lower self-discharge and longer battery life.
- **Gelled electrolyte** is completely leakproof and spillproof for easy installation in virtually any position—even under water. It eliminates ultra-deep discharges and acid stratification damage. **Phosphoric acid in gel** prevents plate shedding and provides two to three times longer battery life.
- **Forged terminal posts and bushings** are completely solid with no porosity, for longer battery life, maximum

performance, no leakage of pressure or corrosive gas, and no damage to sensitive electronic equipment.

- **Brushed plate lugs** provide heavier, low-resistance straps with outstanding lug-to-strap knit and eliminate dropped and loose plates that reduce performance and shorten battery life.
- **Heavy-duty plates with high-density deep-cycle oxide** provide quick rechargeability and superior deep-cycle and float performance in the most demanding applications.
- **Tank formed plates** offer optimal computerized formation, additional quality control and improved voltage matching.
- **Deep-cycle grids** direct current to the terminals for maximum power and performance.

- **Calcium/copper grid alloy** reduces gassing and retards corrosion for maintenance-free performance and longer battery life. Ideal for installation near sensitive electronic equipment.
- **Reinforcing fiberglass mat** prevents mossing or short circuits around the edges of the plates for longer battery life.
- **Premium glass mat separators** reduce gassing and improve gel filling and electron flow, providing more power-per-pound.
- **More than 250 quality control checks** guarantee the highest quality, and all Deka batteries are made in the U.S.A.

QUALITY SYSTEM
CERTIFIED TO
ISO 9001



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DISTRIBUTED BY:

GEL ELECTRIC VEHICLE



GEL 6-VOLT ELECTRIC VEHICLE BATTERIES

| TYPE NO. | FOOT NOTES | CCA @ 0°F | RC @ 80°F | MINUTES @ | | | | | | AMP HOURS @ | | | | APPROXIMATE WEIGHT lbs. (kgs.) | MAXIMUM OVERALL DIMENSIONS inches (mm.) | | |
|------------------------------------|------------|-----------|-----------|-----------|---------|---------|---------|--------|--------|-------------|--------|--------|-------|--------------------------------|---|----------|-----------|
| | | | | 75 AMPS | 50 AMPS | 25 AMPS | 15 AMPS | 8 AMPS | 5 AMPS | 20 HRS. | 6 HRS. | 3 HRS. | 1 HR. | | L | W | H |
| 6-VOLT GEL ELECTRIC VEHICLE | | | | | | | | | | | | | | | | | |
| 8GGC2 | PV | 585 | 345 | 92 | 155 | 375 | 680 | 1360 | 2200 | 180 | 155 | 136 | 99 | 68.4 (31.0) | 10% (260) | 7% (181) | 10% (276) |

FOOTNOTES:

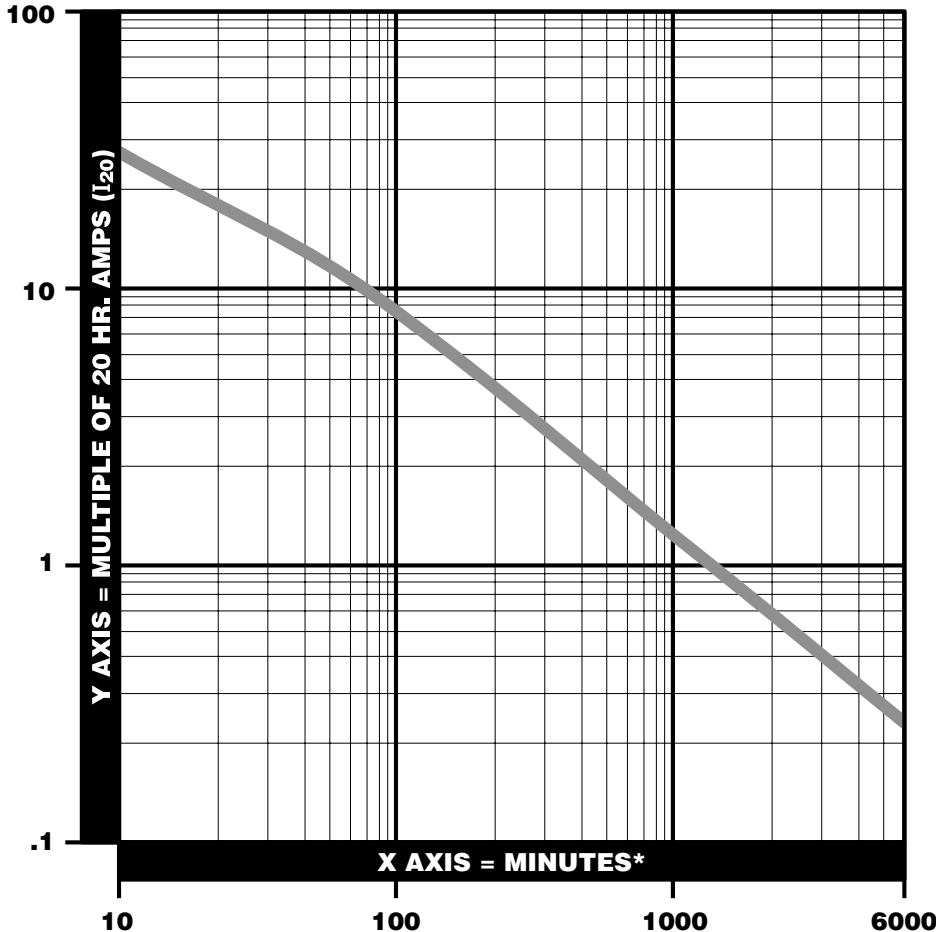
- P - Polypropylene container and cover
- V - Combination terminals, offset post with horizontal hole, 5/16" bolt and hex nut

COLOR CODE:

All above listed batteries are coded GG.
 First letter indicates COVER, second letter indicates CASE.
 G - Grey

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

8GGC2 PERFORMANCE DATA*



HOW TO USE THIS CHART:

The actual performance of any battery depends upon the age and health of the battery, temperature, state of charge, resistance, and many other factors. This chart may be used to *estimate* the time in minutes a fully charged battery will run at various amp loads (after 20 to 30 cycles of "conditioning"). To estimate the time with a known amp draw, follow this example:

8GGC2 = 180 A.H. @ 20 Hr. Rate (I₂₀) or (180 ÷ 20) = 9 Amps (I)

Use the following formula:

(Amp Draw ÷ I) = Multiples of 20 Hr. Amps

Example: (45 Amps ÷ 9) = 5 × I₂₀

Find "5" on the Y-axis, read across and down to approximately 175 minutes on the X-axis of the chart.

* estimated