

Daramic[®] HiCharge[™]

HiCharge helps to extend battery life in motive power applications through a special waterloss feature and unique profile design. With increasing operations in partial-state-of-charge, HiCharge retards water loss, grid corrosion and helps prevent acid stratification, prolonging battery life.



Features

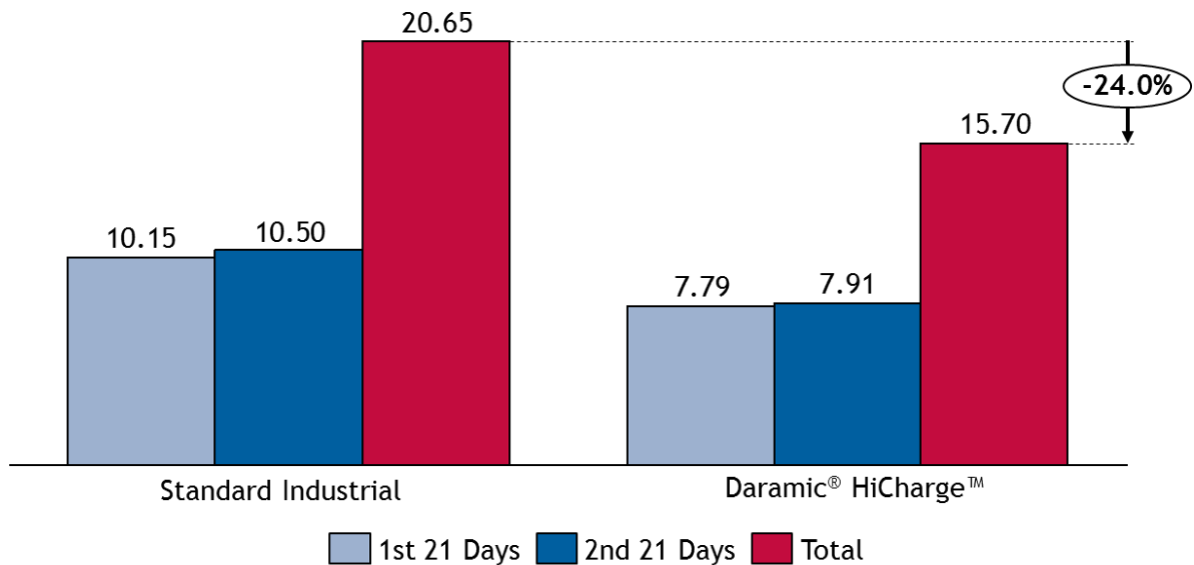
- Patented serrated rib design provides passive acid mixing, which enhances acid circulation, reduces acid stratification, and increases rechargeability under partial state of charge
- Special formulation retards water loss, which limits grid corrosion
- Lower internal resistance than standard industrial separators helps improve rechargeability and capacity

Key Benefits

- 24% reduction in water loss versus standard industrial separators, a significant improvement in reducing grid corrosion and extending battery life
- Unique serrated profile delivers up to 62% electrolyte uniformity against 7% in standard separators resulting in improved back up times, rechargeability, and life by preventing acid stratification

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Water Loss Analysis: Daramic® HiCharge™ *



Daramic® HiCharge™ reduces water loss by 24% versus standard industrial separators

Properties of Daramic® HiCharge™

Attribute	Typical Value*	
	Std. Industrial	HiCharge™
Backweb Thickness (mm)	0.350	0.350
Electrical Resistance (mΩ-cm ²)	200	170
Porosity (%)	58%	58%
CMD Elongation (%)	200%	200%

*Daramic Internal Testing



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