



INDUSTRIAL POWER

Product	Features (What it is)	Advantages (What it does)	Benefits (How it helps the user)	Recommended Applications (Where can I sell it?)	Competitor's Comparison	Notes
GNB Flat Plate	Tapered Grid, inset lugs. The design mix electrolyte more efficiently and arteries provide better flow.	Less internal resistance means higher efficiency.	delivers more efficient power, increases productivity, longer run times, lowers operational costs.	All motive power applications - standard work horse		Lowest price lead acid battery technology 3+2 warranty
GNB Tubular Plate	Tubular construction with non-woven gauntlet. Design provides up to 17% more power for same size battery box. Excellent for heavy manufacturing applications.	More surface area of active material for electrochemical reaction to take place. More Amp Hr and longer run time capabilities than flat-plate flooded.	Increased power density for same sized battery box (more Ah), longer run times vs. industry flat plates	Tougher, more demanding applications with ramps, attachments, multiple shifts, heavy loads, etc		More expensive than flat plate price lead acid battery technology 5+1 warranty
Champion	Sealed, Valve Regulated Lead Acid Battery with Absorbed Glass Mat technology	"Clean" and convenient. Eliminates the need for battery maintenance personnel.	No cell watering, no acid spills, no corrosion, No acid burns, no dedicated charging room, no special ventilation and watering systems/equipment required.	Most all applications - excepting heavy multiple shift applications	Only viable sealed battery in the marketplace	Although the battery is more costly, the operational costs over the lifetime of the battery are drastically less, not to mention the environmental concerns that are dissipated.

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GNB SCRFLX & SCR200 Charger	Back-up timers and dv/dt (change in voltage over change in time) shut-off prevent overcharging. Delay start (for off-peak power rates). Adjustable output capacity precisely matches battery capacity. Auto-equalize and refresh charge disable. Data archive stored last charge data.	Accurate match between charger current output and battery capacity. Controls prevent over charging and undercharging.	Advanced features allow operators to focus on their core tasks.	The FLX200 models are designed for standard GNB® and Pacific Chloride® flooded flat plate or Tubular® product. The SCR200 models have additional control board programming for our Champion® VRLA battery technology. All FLX200 models can be upgraded to charge Champion® batteries.		Competitively priced
Liberator	The only true 1800 cycle low-maintenance battery. Excellent choice for fleets. Tubular plate construction for increased power.	When charged with the GNB SCR200 charger 90-day watering intervals eliminate need for frequent routine maintenance. Can be sold with service options.	Excellent for heavy applications. Excellent for use where maintenance practices are questionable.	Heavy applications, multiple shifts, fleets.	No other true 1800 cycle competitor.	Any SCR charger will guaranty 45 day watering intervals.

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DEC200 Charger	SCR technology (silicon controlled) at the price of ferroresonant technology.	SCR technology virtually "reads the battery's needs". SCR charge is a controlled charge that follows and exact profile for maximum battery recharge (lower heat, less wasted energy).	Most efficient and economical choice for single shift operations.	Single shift.		

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