

WHY BUY DEKA BATTERIES?

1. Made in the USA
 - a. Proudly manufactured in the United States – Lyons, Pennsylvania
2. Privately owned
 - a. \$2.5 billion company has been family owned for 70 years
3. IPF – Individual Plate Formation
 - a. Every plate individually formed and inspected
 - b. Everyone else does one-shot formation and does not know if plates form or not
4. Patented computerized pasting process
 - a. Plates are pasted from both sides for a more consistent oxide paste that lasts much longer than competition
5. Manufacture our own valves – the most critical part of a VRLA battery
 - a. We manufacture all of our own valves – no one else does
 - b. 100% test and QC every valve
6. Weld gaskets
 - a. Deka batteries have weld gaskets between every cell
 - b. Weld gaskets eliminate escaping gases between cells which cause uneven specific gravity and improper plate wear and corrosion
7. Forged terminals
 - a. High pressure forged terminals eliminate cracks and fissures
 - b. Everyone else uses cast terminals which allow gases to leak out of battery causing corrosion and drying out battery
8. All energy producing components are manufactured from primary grade (virgin) lead
 - a. Plates, top lead lugs, straps and oxide all manufactured from primary grade lead (our Sonnenschein license mandates this)
9. Quality assurance
 - a. We have over 250 QC checks from raw materials to finished goods
10. On-site smelter
 - a. Keeps our specs and tolerances very tight since we can smelt any battery rejected without paying freight to return to a smelter
 - b. Competition has to widen their specs to avoid high freight bills