

## Technical Information

Hardcore # N200GEN-XHD is a high-capacity N200 battery designed for starting very large capacity diesel engines in large earthmoving and mining machinery. N200GEN-XHD's unique design features maintenance-free silver-calcium chemistry in a serviceable casing, with anti-stratification separators to provide exceptional durability, reliability and safety in all severe-service applications.



### Features and Benefits include:

- Designed to handle high-current starting and heavy auxiliary power loads
- Thicker, stronger Full-Frame plates with high tin content extend battery life and cyclic ability
- Reinforced Lead links and large-diameter TTP intercell connectors for maximum reliability
- Added Silver improves charge acceptance, highest resistance to heat and corrosion
- Double Lock-Bonded elements maintain cell-group integrity in high-vibration applications
- Glass-Mat separators for added protection against vibration and acid-stratification\*
- Pb-Ca-Sn-Ag alloy - Lowest water loss rate of any flooded lead-acid battery chemistry
- Ultra-safe design - Maintenance-Free plates in accessible casing – reduced risk of dry-out explosion

### Applications

CAT Mining trucks & loaders
CAT Earthmoving dozers & scrapers
DRESSTA dozers & loaders
DOOSAN excavators
HITACHI excavators
KOMATSU Mining trucks & loaders
KOMATSU Earthmoving dozers & graders
VOLVO industrial
Standby Diesel Generators
Constant Float-charge applications

## Specifications

Battery Type:	Maintenance-Free Serviceable	Container Material / Colour:	Polypropylene / White - Opaque
Voltage:	12	Lid Type / Colour:	Accessible / White
Capacity (@20hr rate):	235Ah	Plate Type:	Full-Frame Silver-calcium + high-tin content
Cold Cranking Amps -18°C, SAE:	1500	Separator Type:	Dual envelope with glass-mat lining*
Cold Cranking Amps - 0°C SAE:	1650	Anti-Vibration:	Double Lock-Bonded Elements
Reserve Capacity:	450 Min.	Assembly Layout:	4 (RH Positive)
Wet Battery Weight:	60 Kg	Terminal Type:	1 (SAE)
Casing Dimensions:	L 517 x W 276 x H 242	BCI Group / JIS:	8D / N200

\* Optional specification