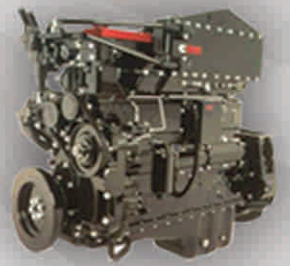
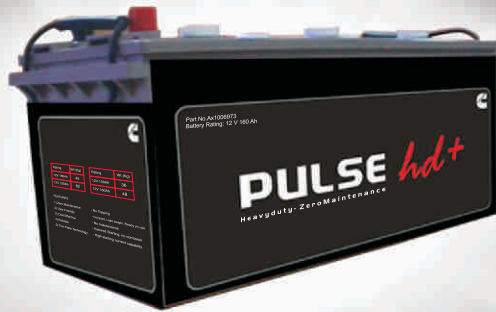


EVERY™ START ASSURED



PULSE *hd+*
Heavy duty - Zero Maintenance

PULSE *hd+* Heavy Duty - Zero maintenance

Cummins introduces **PULSE *hd+*** specially designed for the heavy duty applications of construction and mining industry. Withstanding the extreme climatic condition and providing assured starting capability every time is a feature of Pure Lead Tin Thin plate technology. This is based on oxygen recombination principle which does not require any topping up during its lifetime. That's why we say, it's a truly maintenance free battery.

Features And Benefits

Every Start is Assured - **PULSE *hd+*** has the highest energy density as compared to any other lead acid technology resulting in achieving excellent cranking every-time.

Maintenance free VRLA design - Sealed system requires No Battery topping up or specific gravity checks, resulting in following benefits:

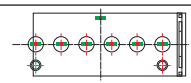
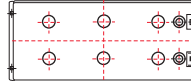
- No flowing electrolyte
- No spillage of battery acid
- No corrosion or sulphation of battery terminals.

Dependability - Thin plates give more surface area thereby reducing internal resistance. This results in high power capability for guaranteed starting, faster recharging and consistent performance throughout the battery life.

Shelf Life - The unique technology used in this product results in low self discharge, which provides an extended storage life.

Cranking currents - This product gives 300% higher cold cranking ampere (CCA) than any other conventional flooded batteries.

Product Range

Part No.	Battery Rating	Maximum overall Dimensions (mm)			Nominal Weight (kg)	Charging Current (Amps)	CCA At -18 deg C as per IEC	Battery Layout
		L	W	H				
AX 1006972	12V 100Ah	410	175	240	36	10.0 (min)*	1100	
AX 1006973	12V 160Ah	525	220	250	48	10.0 (min)*	1650	

Pulse HD+ conforms to International standard IEC 60095-1:2000

* in constant voltage mode

Excellent low temperature performance - Product successfully tested for Performance at -40°C ambient.

Shock & vibration resistant - The ABS container of the product makes it ideal for rough terrain. Because of its Sealed and compact nature, it can be installed in any angle.

Warranty - 12 months warranty*

*Condition Apply

Applications

Suitable for all types of *Earth moving* and *Material handling equipments* mainly used in *Mining and Construction sector* such as

- Bulldozers
- Dump Trucks
- Hydraulic Excavators
- Wheel Loaders
- Wheel Dozers
- Tyre Handlers
- Pipe Layers
- Rope Shovels
- Walking Draglines
- Motor Graders
- Scrapers
- Water Sprinklers
- Aircraft Towing Tractors
- Backhoe loaders
- Road Headers
- Side Discharge Loaders
- Stationary & portable compressors

PULSE <i>hd+</i> Model	Engine Model
12V 100Ah	N-495-C, NT-495-C, NTA-495-C, N-743-C, N-743-TC, NT-743-C, NTA-743-C, NT-855-C, NTA-855-C, NTA-855-C (BC) 4B-3.9-C, 4BT-3.9-C, 6BT-5.9-C, 6BTA-5.9C, 6CTA-8.3C
12V 160Ah	KT-1150-C, KTA-1150-C, KTTA-19-C, VTA-28-C, KT-2300-C, KTA-38-C, KTA-50-C
Note:	
1. For Single starter 12V system use 1 battery	
2. For Double starter 12V system use 2 batteries	
3. For Double starter 24V system use 4 batteries	
*For further details please contact our nearest dealer	

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*For BSNL / MTNL lines