

# Cranking AGM Batteries

STARTING BATTERIES FOR SPECIALIST VEHICLE APPLICATIONS



## FEATURES

The Cranking AGM is a 100% maintenance free battery and should be selected in applications which have high current loads, such as starting, operate in very low temperatures and need extremely fast recharge.

- 100% maintenance free
- Electrolyte absorbed by micro-porous separators eliminates acid spills and terminal corrosion
- Tightly 'packed' construction and calcium reinforced grids provide greater resistance to shock and vibration
- Faster recharge than conventional batteries allowing for faster turnaround times
- Sealed construction provides added protection for sophisticated electronic equipment
- Easy fit and efficient design allow for quick installation in more applications
- Highly porous internal separators lowers resistance and increases power
- Computer cast power path grids assure highest quality and optimum performance
- Dual terminals offer multiple hook-up options for additional accessories



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### Cube Design

The capability of any battery depends on the weight and formulation of the active materials and the active surface area. Flat plate designs offer more efficiency because they use all the available volume for the active material and headspace (the space above the cells that retain gasses waiting for recombination).

The “cube-type” design uses all the internal space allowing a better fit into more applications, while providing maximum power.

The 66405 and the 66406 are both AGM batteries that are completely spill and leak-proof with tight-pack plate and separator construction, providing durable and vibration resistant power in extreme amperage draw applications found on specialist vehicles and other difficult environments.

The Antares Cranking AGM is a specialised battery built in a purpose built facility alongside our Cyclic Duty GEL range, sharing many components. Most notably the valves, construction methods and quality checks.

### Advanced valves

Although sealed, a safety valve is provided because in an accidental overcharge condition it will release excess pressure, thereby avoiding an explosion. By using advanced valve technology, slight pressure can be maintained more accurately, which improves the gas recombination process giving longer life but still ensuring safe operation.

### Fast charging

Charging must be via a correctly set voltage regulated temperature compensated charger to achieve maximum life. Antares DC and AC chargers, active line chargers and

virtual alternator system all have this built in.

## BIG VOLUME X BIG SURFACE AREA = MAXIMUM POWER

Part Number	66405	66406
Capacity @ 20Hr	55Ah	100Ah
Engine Starting CCA @ -18°C	860A	1000A
Reserve Capacity	120 mins @ 25A load	190 mins @ 25A load
Dimensions L x W x H (mm)	273 x 175 x 174	328x 174 x 218
Volts	12V	12V
Weight (kg)	19.3 kg	31.1 kg
Terminations	DUAL UNIVERSAL DESIGN	THREADED STUD
BCI Group Model	34/78	31
Operating Temperature	Fully charged: -40degC to +60degC	
Fitments	AUDI, BMW, Mercedes Benz, Volkswagen, Volvo	

Note: Height dimension is including terminals.