

APPLICATIONS

- Powerchairs / home mobility equipment
- Scooters, 3- and 4 wheels
- Cleaning Machines
- Personal Carriers
- Utility Vehicles

SPECIFICATIONS

Nominal Voltage	12V	
Nominal capacity @20 hour rate	52Ah	
Capacity at 25°C	10 hour rate	48Ah
	5 hour rate	43Ah
	1 hour rate	31Ah
Shelf time @20°C up to 70%	in months	12
Internal resistance (at 1 KHz)	approx. 8,6 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

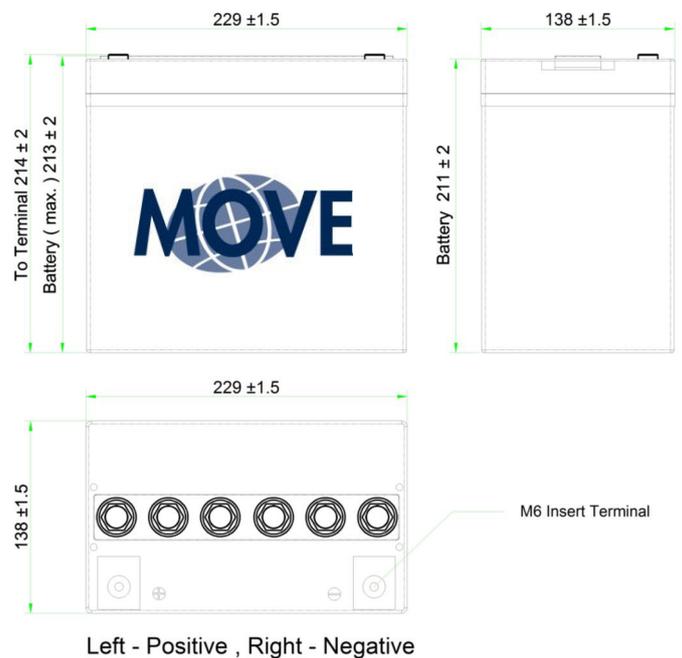
Dimensions LxWxH (T) in mm	229x138x213 (214)
Weight	17,7kg (±2%)
Electrolyte	Sulfuric Acid Thixotropic GEL
Case and cover	ABS
Terminal	Female M6
Torque setting (recommended)	M6: 5 Nm
Maximum allowable torque value	M6: 7 Nm

CHARGING

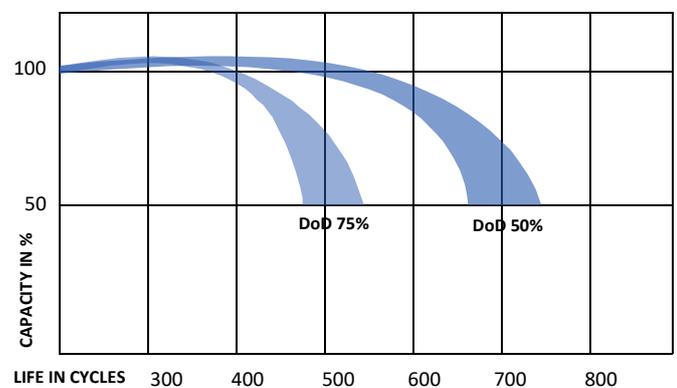
- Charging Voltage cycle use 14,4 to 15 Volt
- Float charge Voltage 13,5 to 13,8 Volt
- Charging current, minimum 5A - maximum 8A

CYCLE LIFE

To maximize the cycle life of the battery, we recommend to charge the battery fully after use. The total life of the battery, is very dependant on the correct charge and depth of discharge per cycle.



BATTERY LIFE UNDER CYCLIC USE



* Cycle life is measured with a discharge current 0,2C, charged 16h and rest capacity of 2/3 Cn