



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

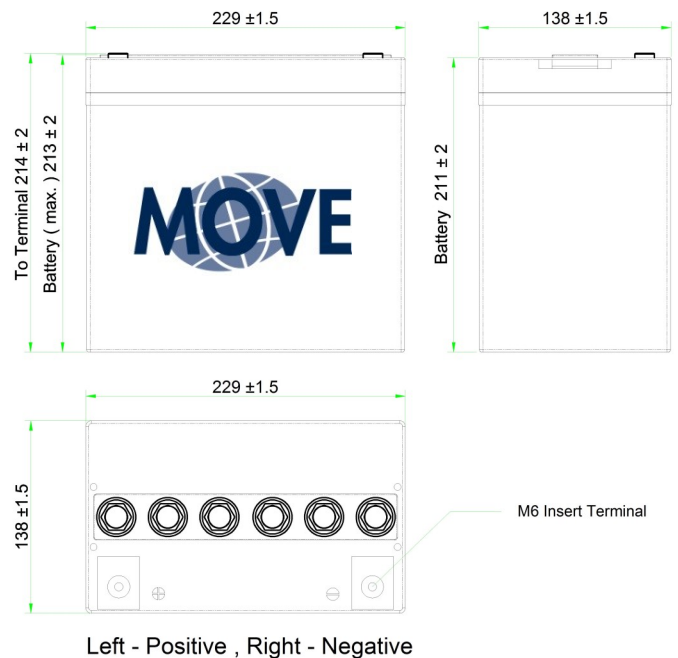


Charging Voltage cycle use 14,4 to 15 Volt
 Float charge Voltage 13,5 to 13,8 Volt
 Charging current, minimum 5,2A - maximum 10,4A

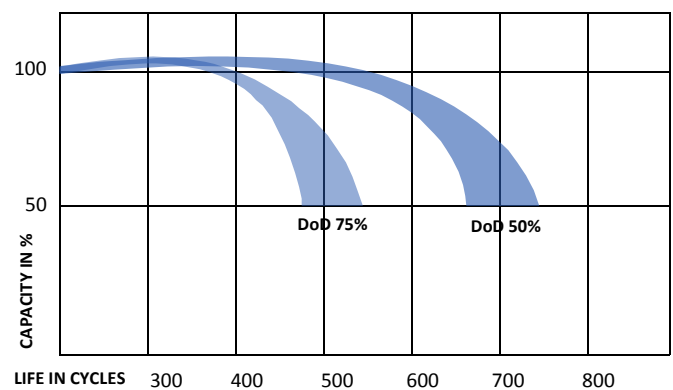
CYCLE LIFE



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