



### APPLICATIONS

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

### SPECIFICATIONS

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

### DIMENSIONS

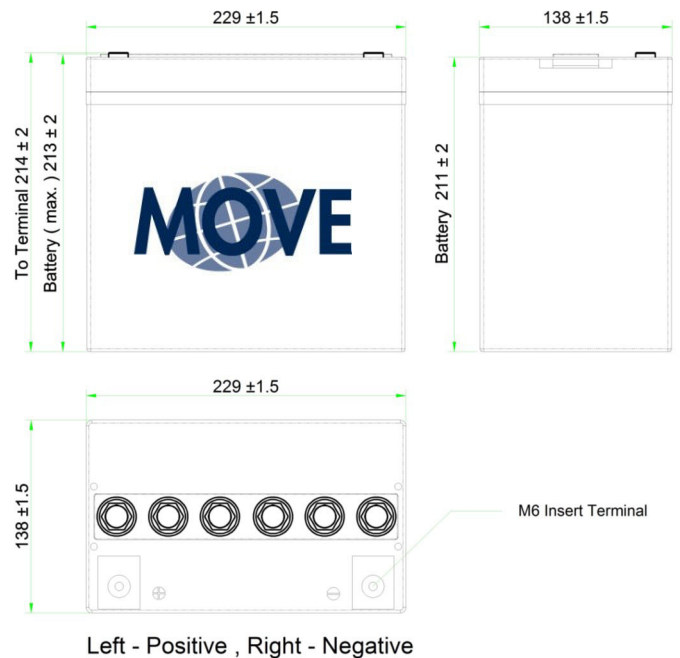
<b>Dimensions LxWxH (T) in mm</b>	229x138x213 (214)
<b>Weight</b>	17,7kg (±2%)
<b>Electrolyte</b>	Sulfuric Acid Thixotropic GEL
<b>Case and cover</b>	ABS
<b>Terminal</b>	Female M6
<b>Torque setting (recommended)</b>	M6: 5 Nm
<b>Maximum allowable torque value</b>	M6: 7 Nm

### CHARGING

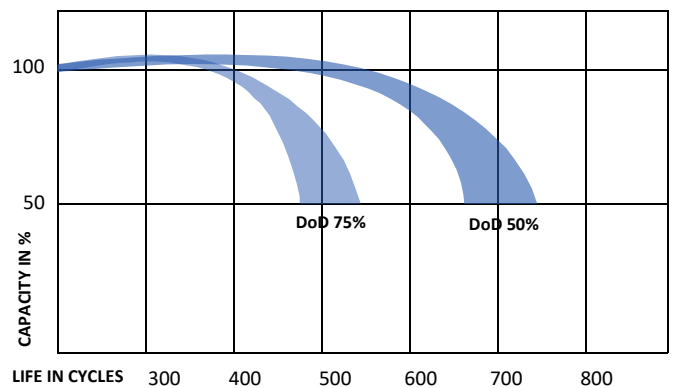
- Charging Voltage cycle use 14,4 to 15 Volt
- Float charge Voltage 13,5 to 13,8 Volt
- Charging current, minimum 5A - maximum 8A

### 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