

APPLICATIONS

Powerchairs / home mobility equipment
 Scooters, 3- and 4 wheels
 Cleaning Machines
 Lifts (stairs / bathrooms)
 Personal Carriers
 Utility Vehicles

SPECIFICATIONS

Nominal Voltage	8V	
Nominal capacity @20 hour rate	170Ah	
Capacity at 25°C	10 hour rate	150Ah
	5 hour rate	140Ah
	1 hour rate	94Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 4 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

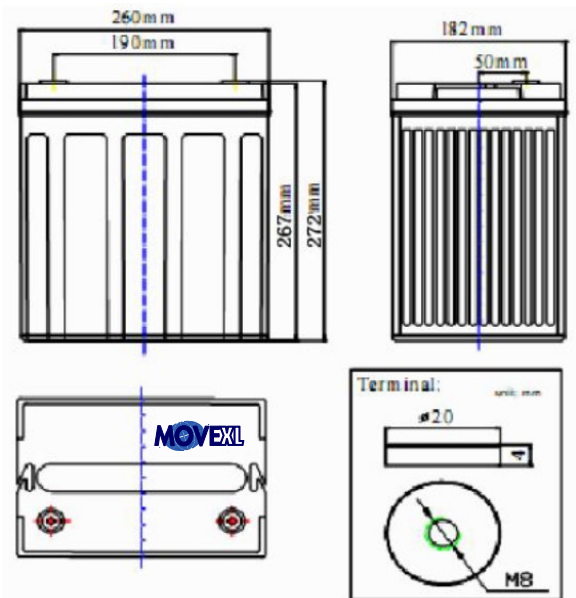
Dimensions LxWxH (T) in mm	260x182x267 (272)
Weight	34kg (±2%)
Separator	AGM, Glass Matt
Case and cover	ABS
Terminal	M8 Bolt
Torque setting (recommended)	M8: 10 Nm
Maximum allowable torque value	M8: 12 Nm

CHARGING

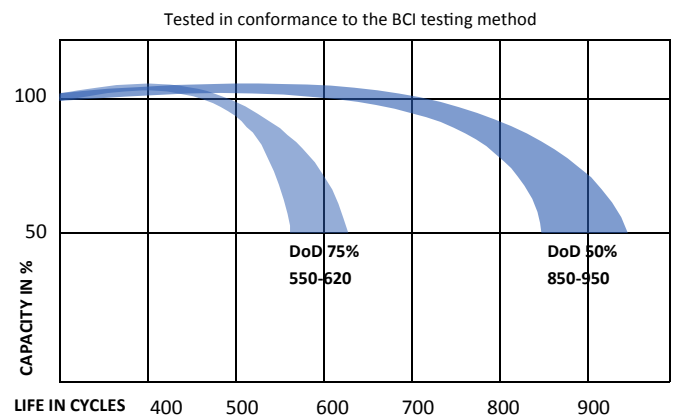
Charging Voltage cycle use 9,6 to 9,94 Volt
 Float charge Voltage 9,07 to 9,2 Volt
 Charging current, minimum 15A - maximum 35A

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