

APPLICATIONS

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

SPECIFICATIONS

Nominal Voltage	12V	
Nominal capacity @20 hour rate	185Ah	
Capacity at 25°C	10 hour rate	175Ah
	5 hour rate	165Ah
	1 hour rate	115Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 3 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

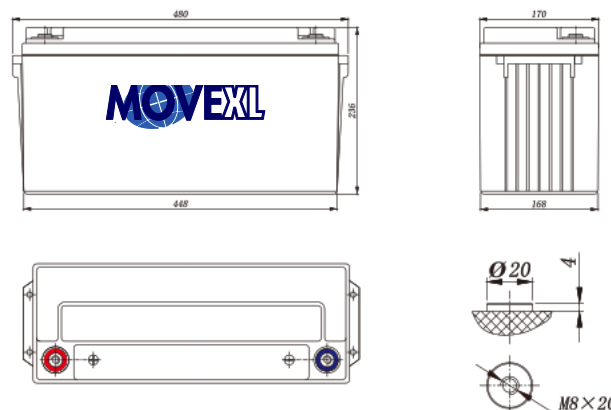
Dimensions LxWxH (T) in mm	480x170x236 (236)
Weight	51,5kg (±2%)
Separator	AGM, Glass Mat
Case and cover	ABS
Terminal	M8 Bolt
Torque setting (recommended)	M8: 10 Nm
Maximum allowable torque value	M8: 12 Nm

CHARGING

Charging Voltage cycle use 14,4 to 15 Volt
 Float charge Voltage 13,5 to 13,8 Volt
 Charging current, minimum 20A - maximum 30A

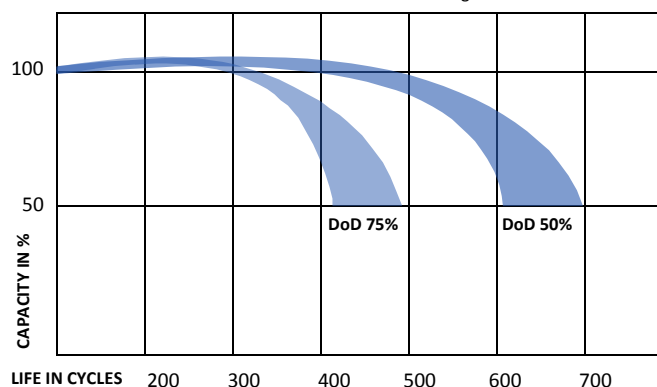
CYCLE LIFE

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

Tested in conformance to the BCI testing method



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