

# MOVE

# MPA 150-12XL

12V-150Ah - Deep Cycle AGM Battery

## APPLICATIONS

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

## SPECIFICATIONS

Nominal Voltage	12V	
Nominal capacity @20 hour rate	150Ah	
Capacity at 25°C	10 hour rate	140Ah
	5 hour rate	130Ah
	1 hour rate	86 Ah
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	407x171x240 (240)
Weight	41 kg (±2%)
Separator	AGM, Glass Matt
Case and cover	ABS (UL94-V0 optional)
Terminal	M8 Insert
Torque setting (recommended)	M8: 10 Nm
Maximum allowable torque value	M8: 12 Nm

## CHARGING

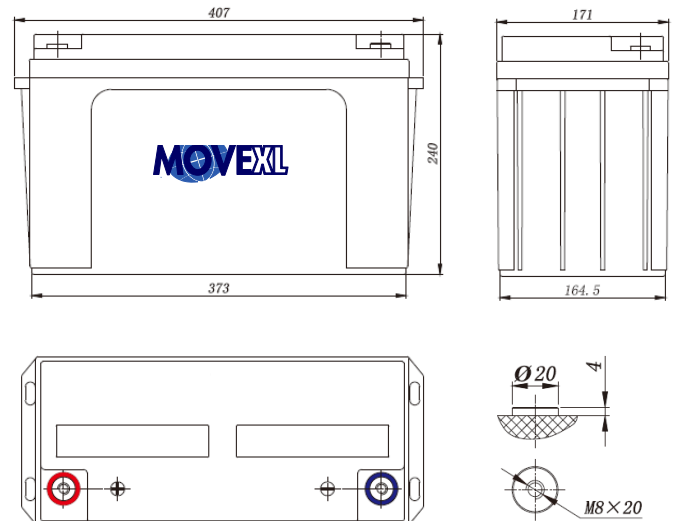
Charging Voltage cycle use 14,4 to 14,9 Volt  
 Float charge Voltage 13,6 to 13,8 Volt  
 Charging current, minimum 15A - maximum 25A

## CYCLE LIFE

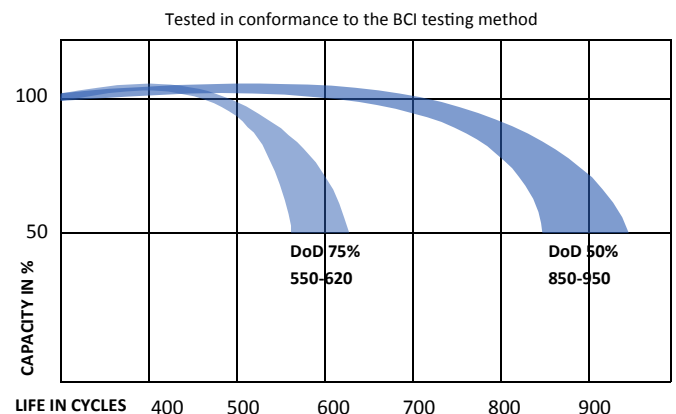
To maximize the cycle life of the battery, we recommend to charge the battery fully after use. The total life of the battery, is very dependant on the correct charge and depth of discharge per cycle.

## TRANSPORT INFORMATION

This battery is NON-SPILLABLE as defined in IATA Dangerous Goods Regulations Packing Instructions 806, Special Provision A67.



## BATTERY LIFE UNDER CYCLIC USE



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