

APPLICATIONS



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

SPECIFICATIONS



Nominal Voltage	12V	
Nominal capacity @20 hour rate	50Ah	
Capacity at 25°C	10 hour rate	43Ah
	5 hour rate	40Ah
	1 hour rate	27Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 7 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS



Dimensions LxWxH (T) in mm	199x166x171 (171)
Weight	14,5kg (±2%)
Separator	AGM, Glass Matt
Case and cover	ABS (UL94-V0 optional)
Terminal	M6 Bolt
Torque setting (recommended)	M6: 6 Nm
Maximum allowable torque value	M6: 9 Nm

CHARGING

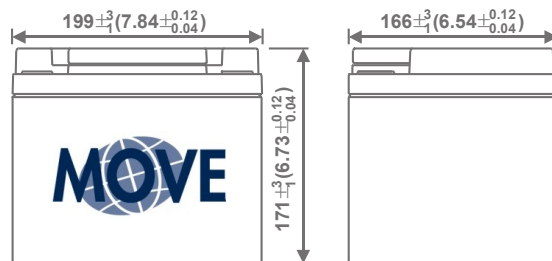
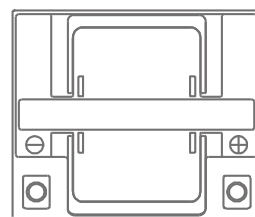
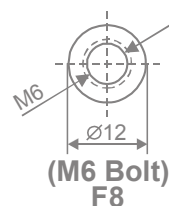


Charging Voltage cycle use 14,4 to 15 Volt
 Float charge Voltage 13,5 to 13,8 Volt
 Charging current, minimum 5A - maximum 10A

CYCLE LIFE



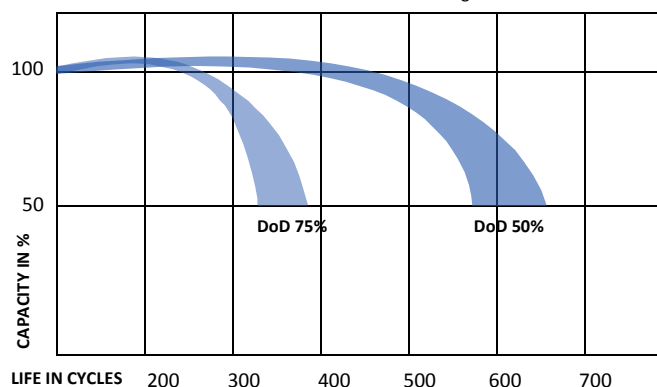
To maximize the cycle life of the battery, we recommend to charge the battery fully after use. The total life of the battery, is very dependant on the correct charge and depth of discharge per cycle.



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