

APPLICATIONS

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

SPECIFICATIONS

Nominal Voltage	12V	
Nominal capacity @20 hour rate	14Ah	
Capacity at 25°C	10 hour rate	13.3Ah
	5 hour rate	11.9Ah
	1 hour rate	7.93Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 10 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

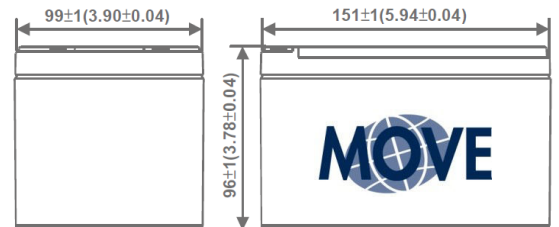
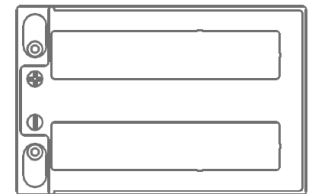
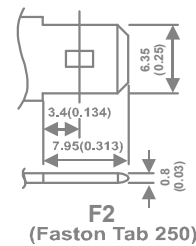
Dimensions LxWxH (T) in mm	151x99x96
Weight	4.4kg (±2%)
Separator	AGM, Glass Mat
Case and cover	ABS (UL94-V0 optional)
Terminal	Faston F2
Torque setting (recommended)	n.a.
Maximum allowable torque value	n.a.

CHARGING

Charging Voltage cycle use 14,4 to 15 Volt
 Float charge Voltage 13,5 to 13,8 Volt
 Charging current, minimum 1,5A - maximum 2,5A

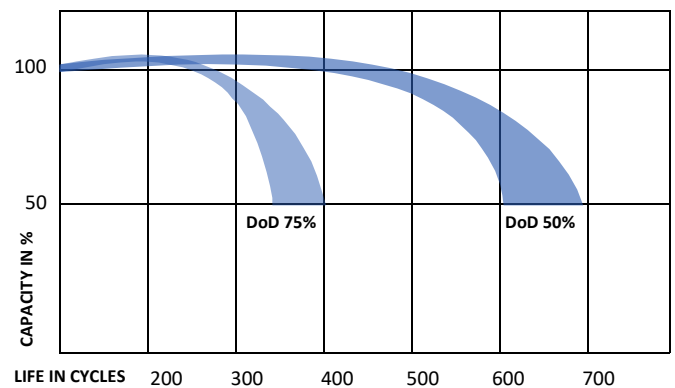
CYCLE LIFE

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