

**XTRA CAPACITY
XTRA LIFETIME
XTRA MILEAGE**



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	36Ah	
Capacity at 25°C	10 hour rate	34Ah
	5 hour rate	31Ah
	1 hour rate	21Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 8 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

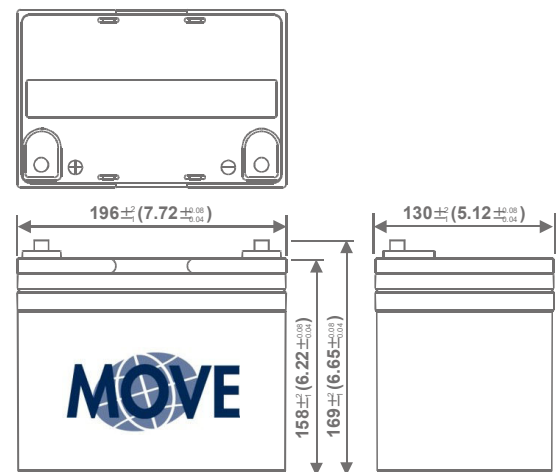
Dimensions LxWxH (T) in mm	196x130x158 (169)
Weight	11kg (±2%)
Separator	AGM, Advanced Glass Matt
Case and cover	ABS (UL94-V0 optional)
Terminal	M6 Bolt
Torque setting (recommended)	M6: 7 Nm
Maximum allowable torque value	M6: 9 Nm

CHARGING

- Charging Voltage cycle use min. 14,8 to max. 16 Volt (U1)
- Float charge Voltage 13,5 to 13,8 Volt
- Charging current, minimum 3,5A - maximum 6A

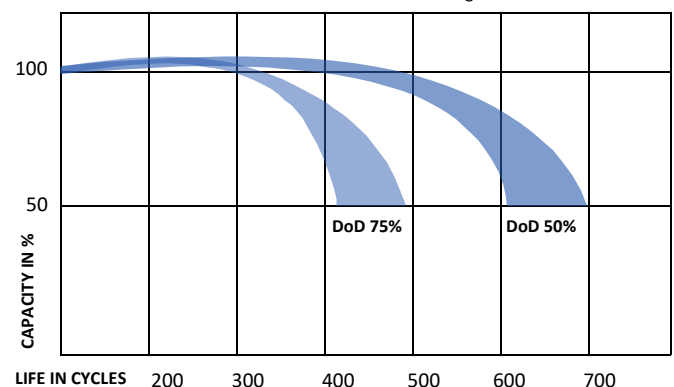
CYCLE LIFE

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