



MPX 85-12

12V-105Ah - Cyclic AGM Battery

**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		105Ah
Capacity at 25°C	10 hour rate	95Ah
	5 hour rate	85Ah
	1 hour rate	72Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)		approx. 5,4mΩ
Operating temperature for (dis)charge		-15°C to + 40°C

DIMENSIONS

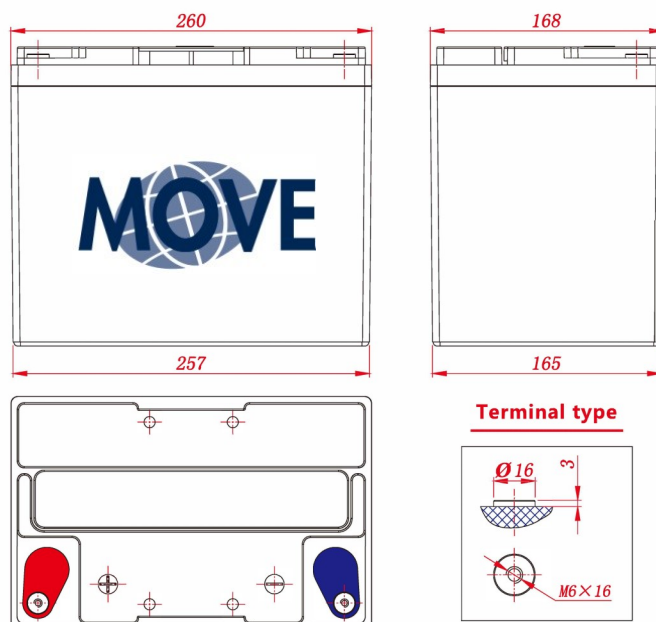
Dimensions LxWxH (T) in mm	260x168x215 (215)
Weight	26,1kg (±2%)
Separator	AGM, Advanced Glass Matt
Case and cover	ABS (UL94-V0 optional)
Terminal	M6 Bolt
Torque setting (recommended)	M6 (copper): 7 Nm
Maximum allowable torque value	M6 (copper): 9 Nm

CHARGING

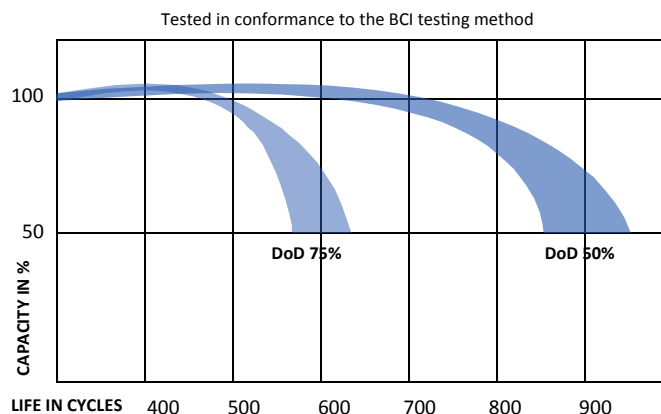
Charging Voltage cycle use 14,4 to 15 Volt
Float charge Voltage 13,5 to 13,8 Volt
Charging current, minimum 10A - maximum 15A

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



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