

**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	130Ah	
Capacity at 25°C	10 hour rate	120Ah
	5 hour rate	110Ah
	1 hour rate	84Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 4,8mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

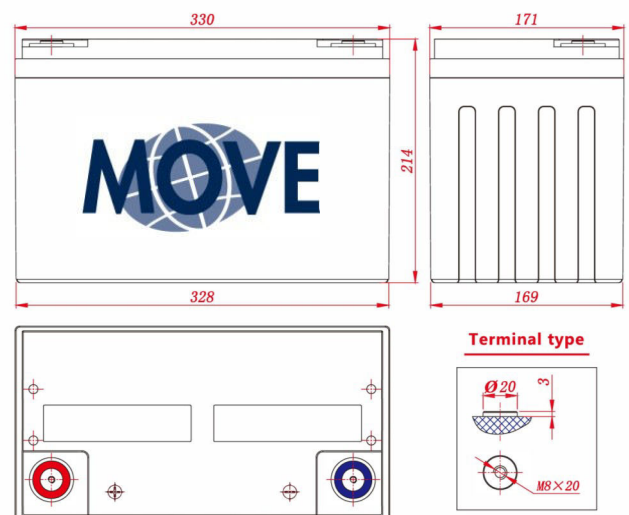
Dimensions LxWxH (T) in mm	330x171x214 (214)
Weight	34kg (±2%)
Separator	AGM, Advanced Glass Mat
Case and cover	ABS (UL94-V0 optional)
Terminal	M8 Bolt
Torque setting (recommended)	M8 (copper): 10 Nm
Maximum allowable torque value	M8 (copper): 12 Nm

CHARGING

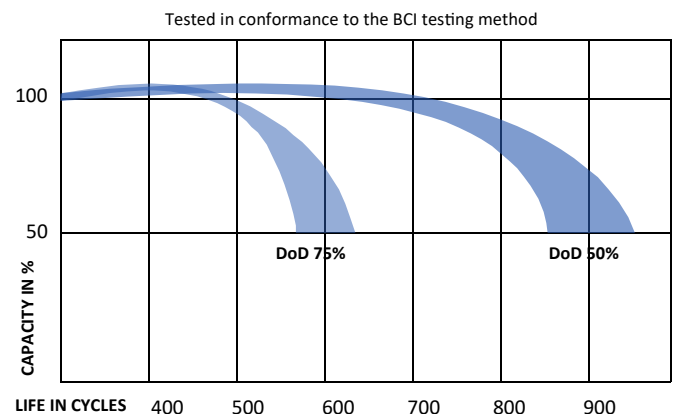
Charging Voltage cycle use min. 14,8 to max. 16 Volt (U2)
Float charge Voltage 13,5 to 13,8 Volt
Charging current, minimum 15A - maximum 20A

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