

MOVE

MPA 280-12XL

12V-280Ah - Cyclic AGM Battery

APPLICATIONS

Mobile Home Equipment
Marine Applications
Personal Carriers
Cleaning Machines
Utility Vehicles

SPECIFICATIONS

Nominal Voltage	12V	
Nominal capacity @20 hour rate	280Ah	
Capacity at 25°C	10 hour rate	240Ah
	5 hour rate	225Ah
	1 hour rate	150Ah
Shelf time @20°C up to 70%	in months	9
Internal resistance (at 1 KHz)	approx. 1,6 mΩ	
Operating temperature for (dis)charge	-15°C to + 40°C	

DIMENSIONS

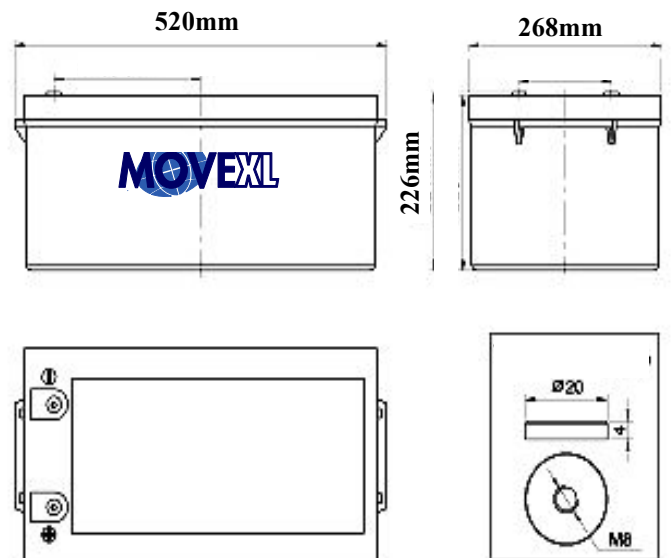
Dimensions LxWxH (T) in mm	520x268x220 (226)
Weight	77kg (±2%)
Separator	AGM, Glass Matt
Case and cover	ABS
Terminal	M8
Torque setting (recommended)	M8 (Copper): 8 Nm
Maximum allowable torque value	M8 (Copper): 10 Nm

CHARGING

Charging Voltage cycle use 14,4 to 14,9 Volt
Float charge Voltage 13,6 to 13,8 Volt
Charging current, minimum 30A - maximum 45A

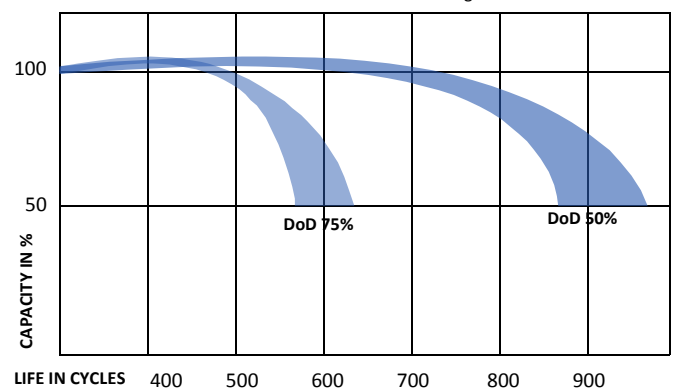
CYCLE LIFE

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