

# MPG 78-12

12V-78Ah - Cyclic GEL Battery

**VRLA** regulated

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#### **APPLICATIONS**

Powerchairs / home mobility equipment Scooters, 3– and 4 wheels Cleaning Machines Personal Carriers Utility Vehicles

SPECIFICA	TIONS		
Nominal Voltage			12V
Nominal capacity	@20 hour rate		78Ah
Capacity at 25°C		10 hour rate	70Ah
		5 hour rate	65Ah
		1 hour rate	48Ah
Shelf time @20°C up to 70%		in months	12
Internal resistance (at 1 KHz)			approx. 7,1 m $\Omega$
Operating temperature for (dis)charge			-15°C to + 40°C

DIMENSIONS		
Dimensions LxWxH (T) in mm	260x168x211 (212)	
Weight	24,2kg (±2%)	
Electrolyte	Sulfuric Acid Thixotropic GEL	
Case and cover	ABS	
Terminal	Female M6	
Torque setting (recommended)	M6: 5 Nm	
Maximum allowable torque value	M6: 7 Nm	

CHARGING			
Charging Voltage cycle use 14,4 to 15 Volt			
Float charge Voltage 13,5 to 13,8 Volt			
Charging current, minimum 8A - maximum 12A			

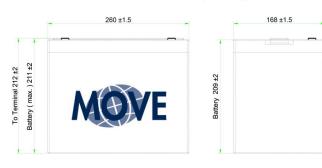
### **CYCLE LIFE**

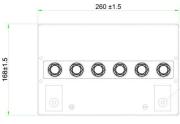
To maximize the cycle life of the battery, we recommend to charge the battery fully after use. The total life of the battery, is very dependant on the correct charge and depth of discharge per cycle.

### TRANSPORT INFORMATION

This battery is NON-SPILLABLE as defined in IATA Dangerous Goods Regulations Packing Instructions 806, Special Provision A67.

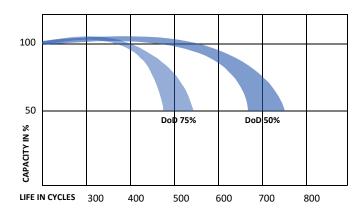






Left - Positive , Right - Negative

## BATTERY LIFE UNDER CYCLIC USE



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



## ISO14001, ISO9001, OHSAS 18001

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