



MPA 15-12 12V-15Ah - Cyclic AGM battery

Electrical Specifications



Nominal Voltage	12	V
Nominal capacity (C/20)	15	Ah
Capacity at 20° C to 1.75Vpc	20 hour rate	15 Ah
	10 hour rate	14 Ah
	5 hour rate	13 Ah
	3 hour rate	12,5 Ah
	1 hour rate	10 Ah
Current versus time in minutes	75A	- Minutes
	25A	- Minutes
	20A	- Minutes
	15A	- Minutes
	8A	- Minutes
Shelf life without recharge @ 20° C	9	Months

Other Specifications



Cycle life 70% DoD	550	Cycles
Cycle life 100% DoD	300	Cycles
Dimensions LxWxH	151x99x98	mm
	Total height	103 (±1) mm
Operating temperature	-20 to 50	°C
Separator	Random Glass Matt, S wrapped	
Grid alloy	Pb - Ca - AL	
Case and cover	ABS	
Vent	Self Sealing	
Electrolyte	Fixed	
Terminal	F2 (6,36 x 7,8 Lip)	
Torque setting	-	
Weight	4,5	kg

General Features



- International Standard Footprint
- Valve Regulated cells
- Low Internal Resistance
- High Initial capacity
- Lifting handle
- Non Hazardous

Typical Applications

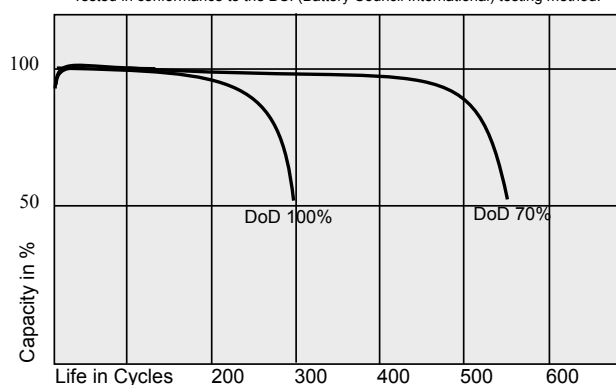


- Wheelchairs
- Scooters, 2/3 and 4 wheels
- Electric cars
- Cleaning Machines
- Personal Carriers
- Utility Vehicles

Battery life under Cyclic Use



Tested in conformance to the BCI (Battery Council International) testing method.



Battery Charging



- Charging Voltage max 2,46 Vpc (2,65 Vpc <10% Inom), Float charge 2,27 – 2,3 Vpc
- Maximum charging current: 3Amp
- Minimum charging current; 0,1A per Ah (C20 Capacity) e.g. MPA 15-12 = 15 x 0,1 = 1,5Amp

Cycle life



- To maximise the cycle life of the battery, we recommend to charge the battery fully after use.
- The total cycle life is very dependant on the correct charge and depth of discharge (DoD)!