



MDC 170-8

8V-170Ah - Flooded (WET) Battery

APPLICATIONS

- Suitable for all Motive, Leisure, Solar & Reserve Power applications
- AVP / Material Handling
- AWP
- Golf / Utility
- Industrial Applications

SPECIFICATIONS

Nominal Voltage	8V	
80% DoD Voltage Cutoff	7,5V	
Nominal capacity @20 hour rate	170Ah	
Capacity at 25°C	20 hour rate	170Ah
	5 hour rate	145Ah
Self discharge	< 3% per month (20°C)	
Storage temperature	-20°C to 60°C	
(Dis)charge temperature	-10°C to 50°C	

DIMENSIONS

Dimensions LxWxH (T) in mm	260x180x247 (277)
Weight	29kg
Terminal	UTL
Terminal torque setting	11-12 Nm

Note: there is a tolerance of $\pm 2\%$

CHARGING PROFILE

IU Charging	I = Min. 12% C5 / Max. 18% C5
	U = 2.45 per cell
IUI Charging	I ¹ = Min. 12% C5 / Max. 18% C5
	U = 2.4V per cell
	I ² = 1,5% C5, for max. 4 hours

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.

FEATURES

- Compatible for deep cycle applications
- Good high current performance
- Ultra energy efficient due to low resistance
- Recyclable
- Long cycle life
- Low self-discharge rate
- Compliant with IEC 60254

