



# MDC 150-12

12V-150Ah - Flooded (WET) Battery

## APPLICATIONS



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

## SPECIFICATIONS



Nominal Voltage	12V
80% DoD Voltage Cutoff	11.5V
Nominal capacity @20 hour rate	150Ah
Capacity at 25°C	20 hour rate 150Ah
	5 hour rate 120Ah
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	329x181x244 (274)
Weight	39kg
Terminal	UTL
Terminal torque setting	11-12 Nm

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

## CHARGING PROFILE (25°C in cyclic application)



IU Charging	I = Min. 12% C5 / Max. 18% C5
	U = 2.45 per cell
IUI Charging	I <sup>1</sup> = Min. 12% C5 / Max. 18% C5
	U = 2.4V per cell
	I <sup>2</sup> = 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

