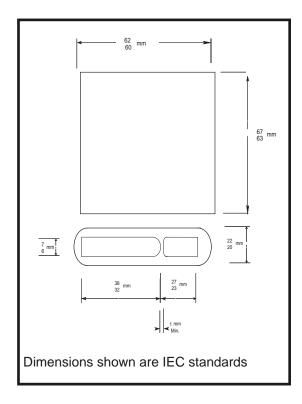


## **MN1203**

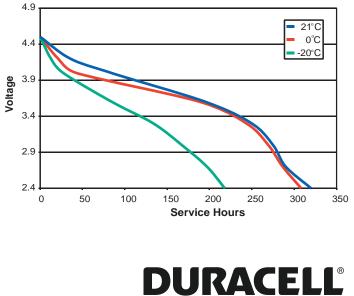
Size: MN1203 (3LR12)

**Alkaline-Manganese Dioxide Battery** 



Nominal Voltage:	4.5 V
Operating Voltage	4.8 -2.25V
Impedance:	810 m-ohm @ 1kHz
Typical Weight:	154 gm (5.4 oz.)
Typical Volume:	83 cm $^{3}$ (5.1 in. $^{3}$ )
Terminals:	Flat
Storage Temperature Range:	-20 <sup>0</sup> C to 35 <sup>0</sup> C
Operating Temperature Range:	-20 <sup>°</sup> C to 54 <sup>°</sup> C (-4 <sup>°</sup> F to 130 <sup>°</sup> F)
IEC:	3LR12

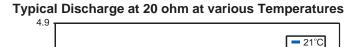
## Typical Discharge at 220 ohm at various Temperatures



BATTERIES Berkshire Corporate Park



\* Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Please refer to the charts and discharge data shown for examples of the energy / service life that the battery will provide for various load conditions.



4.4

3.4

2.9

2.4

0

5

10

15

**Service Hours** 

20

Voltage 3.9

25

30

0°C

-20℃