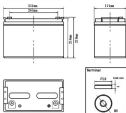


**Product Image**

**Product Dimensions**

**Characteristics**

Nominal Voltage		12V
Nominal Capacity (10 hour rate)		100Ah
Capacity 25°C (77°F)	20-hour rate (I <sub>20</sub> )	111.5Ah
	5-hour rate (I <sub>5</sub> )	91.5Ah
	3-hour rate (I <sub>3</sub> )	86.5Ah
	1-hour rate (I <sub>1</sub> )	66.5Ah
Internal Resistance	Full-Charged Battery 25°C	<5.0mΩ
Capacity affected by Temperature (10 hour)	40°C (104°F)	102%
	15°C (77°F)	100%
	0°C (32°F) -15°C (5°F)	85% 65%
Self-Discharge 25°C (77°F) Capacity	after 3 month storage	99%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Float	Initial Charging Current Less than 21.0A, Voltage 13.6-13.8V
	Cycle	Initial Charging Current Less than 25.0A, Voltage 14.4-14.6V

**Packaging**

Battery Dimensions	Length	230mm
	Width	170mm
	Height	214mm
	Total Height	210mm
Box Dimensions	Length	240mm
	Width	180mm
	Height	200mm
Quantity Per Box		1 PC per box
Net weight Per Cell		30.8kg/400g
Net weight Per Box		30.8kg
Gross Weight		30.9kg

**Discharge Constant Current per Cell (Ampere at 77°F/25°C)**

I <sub>CT</sub> Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	326.3	324.8	308.8	195.1	75.4	66.5	49.3	29.6	19.1	11.6	10.46	4.77
1.65V	310.6	296.5	265.8	162.2	71.4	64.7	29.8	29.0	18.8	11.5	10.30	4.72
1.70V	315.2	210.6	154.8	89.4	71.3	63.0	29.1	28.8	18.5	11.4	10.20	4.66
1.75V	278.4	181.5	147.2	86.6	69.5	61.2	28.1	27.8	18.3	11.3	10.10	4.61
1.80V	262.7	175.8	148.7	83.8	67.5	59.4	27.2	27.2	18.0	11.2	10.00	4.55

**Discharge Constant Power per Cell (Watts at 77°F/25°C)**

I <sub>CT</sub> Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	627.1	417.8	314.9	195.9	108.6	120.1	55.6	55.3	35.6	21.7	19.4	8.8
1.65V	378.1	389.1	381.8	190.7	106.8	120.8	54.2	54.5	35.1	21.6	19.2	8.7
1.70V	382.9	391.7	386.6	185.4	113.0	117.4	52.8	53.5	34.6	21.3	19.0	8.6
1.75V	319.3	346.0	275.3	180.2	128.3	114.1	71.0	52.0	34.1	21.1	18.8	8.5
1.80V	489.9	326.4	282.4	174.9	129.5	110.8	69.4	58.7	33.6	20.9	18.7	8.4

**Note** The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery design/specifications are subject to modification without notice. Contact CBC for the latest information.