



# VISION CL 3000 2V 3000Ah

## Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		3000Ah
Dimensions	Total Height (with terminals)	15.0 inches (382mm)
	Height	13.6 inches (345mm)
	Length	28.0 inches (710mm)
	Width	13.8 inches (350mm)
Weight		Approx.4501lbs (204Kg)

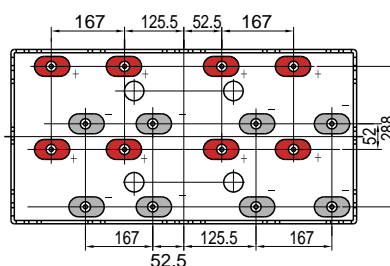
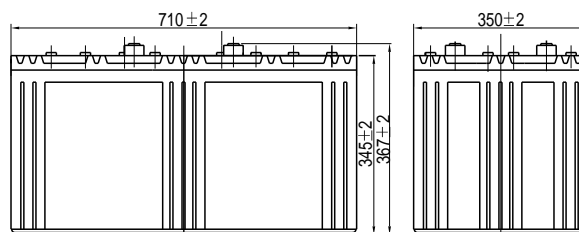
## Characteristics

Capacity* 77°F(25°C)	10 hour rate (300A)	3000Ah
	5 hour rate (542A)	2710Ah
	1 hour rate (1950A)	1950Ah
	15 minute Rate (4033A)	1008Ah
Internal Resistance	Full charged Battery 77°F(25°C)	0.45mW
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	60%
Max. Discharge Current 77°F(25°C)	4000A (5s)	
Terminal		F10
Charge (Constant Voltage)	Cycle	2.35-2.45V/77°F(25°C) Max. Current 600A
	Float	2.25-2.3V/77°F(25°C)

### Constant power discharge ratings-watts per cell at 25°C(77°F)

End Point Volts/Cell	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	7748	6050	4484	3477	2976	2040	1423	922
1.65V	7344	5759	4286	3338	2885	2017	1386	906
1.70V	6926	5459	4080	3190	2795	1942	1346	888
1.75V	6497	5154	3869	3037	2701	1859	1302	869
1.80V	6062	4845	3651	2880	2627	1770	1268	826

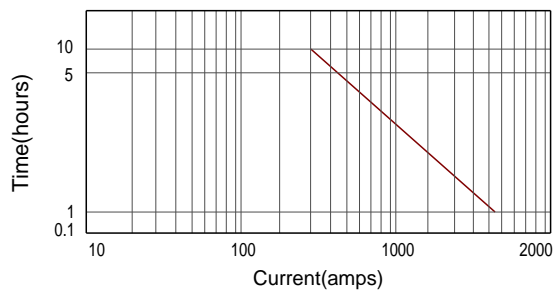
\*The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.



Total height with removeable cover: 382

Unit:mm

### Discharge current v's time 77°F(25°C)



### Discharge characteristic (25°C)

