

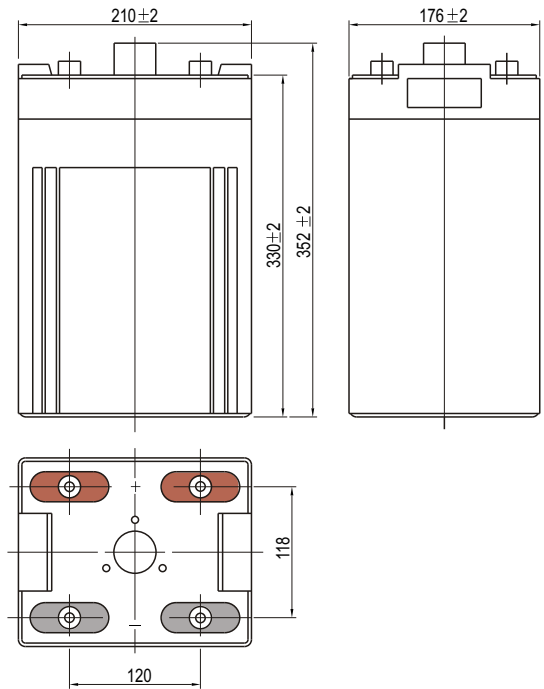


VISION CL 400

2V 400Ah

Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		400Ah
Dimensions	Total Height (with terminals)	14.4 inches (367mm)
	Height	13.0 inches (330mm)
	Length	8.27 inches (210mm)
	Width	6.93 inches (176mm)
Weight		Approx.61.71lbs (28Kg)



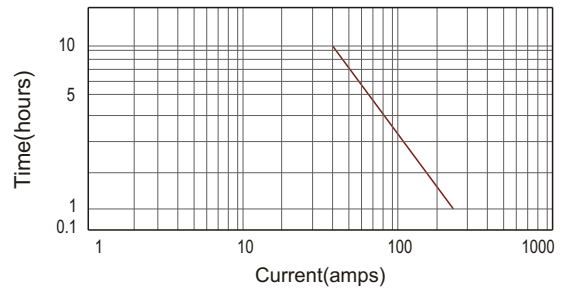
Total height with removeable cover: 367

Unit:mm

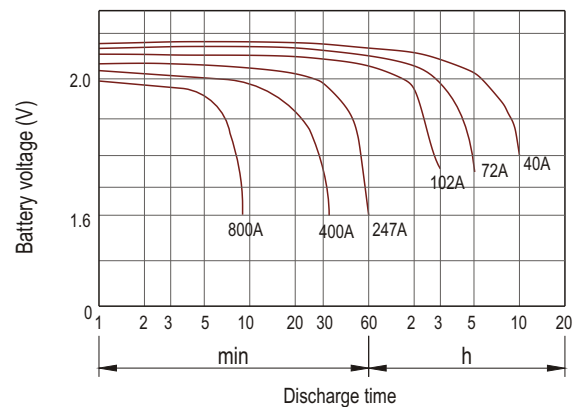
Characteristics

Capacity* 77°F(25°C)	10 hour rate (40A)	400Ah
	5 hour rate (67A)	335Ah
	1 hour rate (247A)	247Ah
	15 minute Rate (587A)	147Ah
Internal Resistance	Full charged Battery 77°F(25°C)	0.70mΩ
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)	2000A (5s)	
Terminal		F10
Charge (Constant Voltage)	Cycle	2.35-2.45V/77°F(25°C) Max. Current 80A
	Float	2.25-2.3V/77°F(25°C)

Discharge current v's time 77°F(25°C)



Discharge characteristic (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	1281	909	740	665	505	310	214	140
1.65V	1206	860	703	634	484	286	209	138
1.70V	1131	810	665	603	462	270	203	135
1.75V	1057	760	626	570	439	260	197	132
1.80V	983	710	587	537	415	246	185	125

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