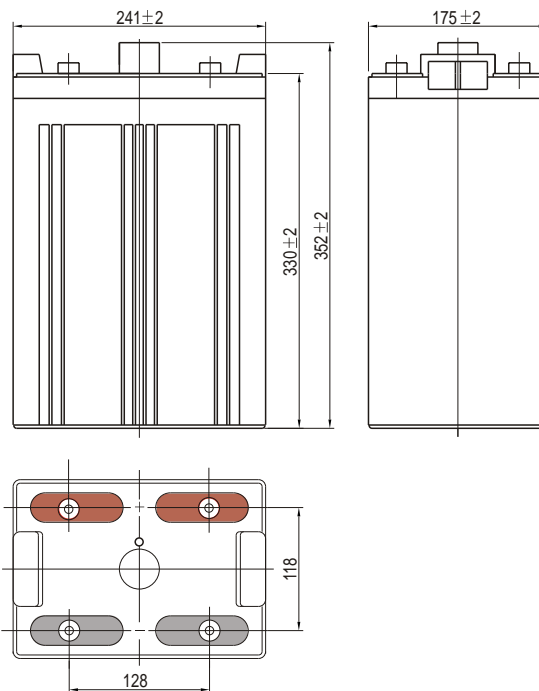




VISION CL 500 2V 500Ah

Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		500Ah
Dimensions	Total Height (with terminals)	14.4 inches (365mm)
	Height	13.0 inches (330mm)
	Length	9.49 inches (241mm)
	Width	6.89 inches (175mm)
Weight		Approx.72.81lbs (33Kg)



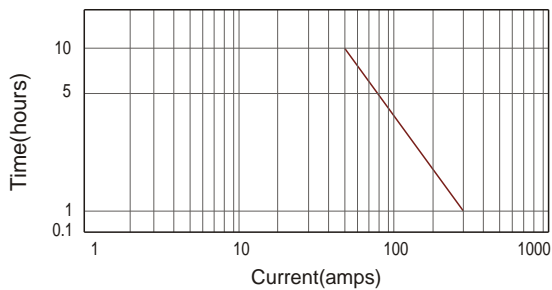
Characteristics

Capacity* 77°F(25°C)	10 hour rate (50A)	500Ah
	5 hour rate (83.6A)	418Ah
	1 hour rate (300A)	300Ah
	15 minute Rate (711A)	178Ah
Internal Resistance	Full charged Battery 77°F(25°C)	0.65mΩ
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)	2500A (5s)	
Terminal	F10	
Charge (Constant Voltage)	Cycle	2.35-2.45V/77°F(25°C) Max. Current 100A
	Float	2.25-2.3V/77°F(25°C)

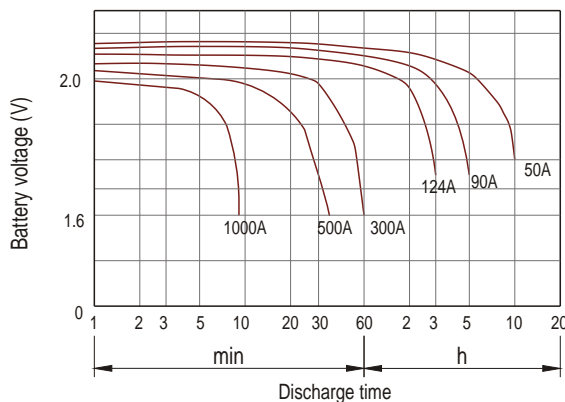
Total height with removeable cover: 365

Unit:mm

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	1546	1156	930	771	625	460	270	167
1.65V	1457	1094	883	736	599	436	260	164
1.70V	1366	1030	836	699	572	418	247	161
1.75V	1276	967	787	661	543	396	236	157
1.80V	1187	903	738	623	514	370	217	149

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