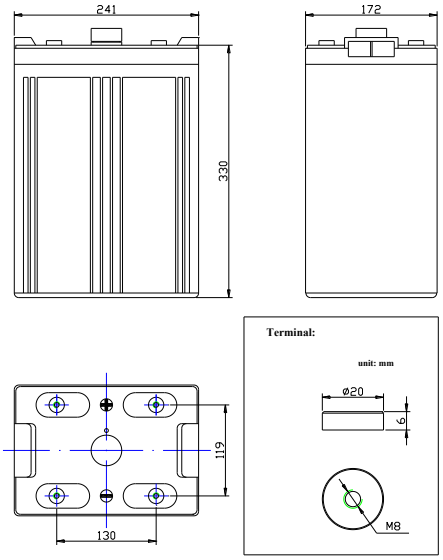
HGXL500-2

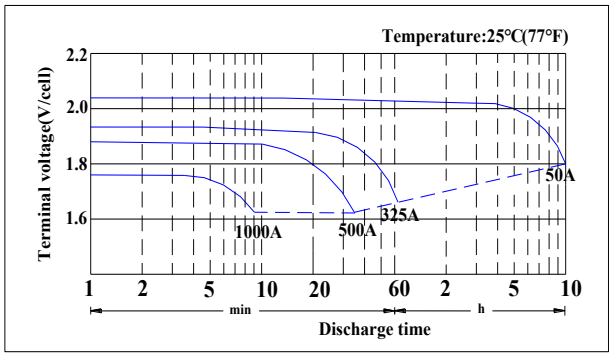




Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		500AH
Dimension	Total Height (with terminals)	365mm(14.37inches)
	Height	330mm(12.99inches)
	Length	241mm(9.49inches)
	Width	172mm(6.77inches)
Weight		Approx.37.20kg (82.01lbs)

Discharge characteristics 77℉(25℃)



Float Charge Method: Constant voltage:2.23V/cell（25℃）

Temperature compensation factor：-3mV/cell

Constant power discharge watts per cell @ 77℉(25℃)

End Point Volt/cell	Operation Time To End Point Voltage																	
	1min	5min	10min	15min	20min	25min	30min	35min	40min	45min	1h	2h	3h	5h	8h	10h	12h	24h
1.60	2819	2240	1809	1509	1310	1142	1032	931	850	787	652	398	290	192	128	104	87.2	45.2
1.63	2681	2131	1715	1470	1256	1105	993	912	835	774	635	386	283	190	128	104	87.2	45.2
1.65	2589	2073	1699	1435	1247	1097	984	893	819	761	635	386	283	186	128	103	87.2	45.2
1.67	2468	2002	1671	1406	1222	1085	967	879	810	753	635	386	283	186	125	102	87.2	45.2
1.70	2331	1937	1575	1370	1182	1053	940	864	800	745	617	376	271	182	125	100.5	87.2	45.2
1.75	2068	1788	1506	1288	1131	1016	909	835	781	722	600	363	265	178	122	99.5	86.7	45.2
1.80	1800	1621	1383	1187	1061	958	878	800	742	699	577	351	262	174	120	98.5	84.5	45.1
1.85	1321	1242	1114	1011	910	838	762	707	647	611	520	325	244	161	112	93.5	80.2	43.0
1.90	1036	992	909	832	758	705	658	616	577	548	468	303	224	152	105	88.2	75.6	40.4

Constant current discharge ratings amperes @ 77℉(25℃)

End Point Volt/cell	Operation Time To End Point Voltage																	
	1min	5min	10min	15min	20min	25min	30min	35min	40min	45min	1h	2h	3h	5h	8h	10h	12h	24h
1.60	1754	1351	1064	862	735	633	568	510	463	427	350	208	152	100	64.9	52.6	44.2	22.9
1.63	1639	1266	1020	833	694	610	543	500	450	417	342	205	149	98.0	64.9	52.6	44.2	22.9
1.65	1563	1220	980	806	690	602	538	485	442	410	338	202	147	96.2	64.9	52.1	44.2	22.9
1.67	1471	1163	952	781	676	595	526	476	437	405	333	199	144	95.2	64.1	51.5	44.2	22.9
1.70	1351	1111	909	758	649	575	510	467	431	400	327	196	141	94.3	63.3	51.0	44.2	22.9
1.75	1182	1010	833	709	617	550	490	446	417	385	316	189	137	91.7	62.5	50.5	43.9	22.9
1.80	1000	893	758	649	575	515	472	427	394	370	303	182	135	89.3	61.0	50.0	42.9	22.9
1.85	714	667	595	538	485	442	400	370	338	318	270	167	125	82.0	56.8	47.2	40.5	21.7
1.90	1754	1351	1064	862	735	633	568	510	463	427	350	208	152	100	64.9	52.6	44.2	22.9

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

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Fullriver for the latest information.