CHAMPION
VRLA Batteries

DAYLIFF Champion totally sealed Valve Regulated Lead Acid (VRLA) batteries are sourced from one of the world's largest manufacturers and are particularly suited to solar and inverter back up uses as well as many other cycle or standby applications. Particular features include:-

Exceptional Recharge Performance - advanced, high specification plate design provides for long service life and good recovery after repeated deep discharges.

Totally Sealed Construction - advanced sealing design ensures leak proof, maintenance free operation and freedom to mount in any position.

Gas Generation Control - 99% of generated gases are internally absorbed with any excess being automatically vented through a safety valve regulated system.

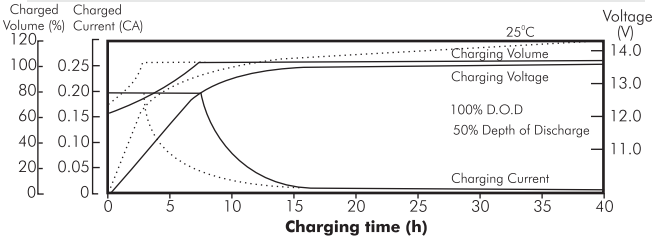
Low Self Discharge - low self discharge levels of less than 3% per month provide for extended storage periods.

Dayliff Champion batteries are high quality, high specification products designed for exceptional operating performance and long operating life. They are the ideal solution for all power storage requirements where high levels of reliability and serviceability are demanded.

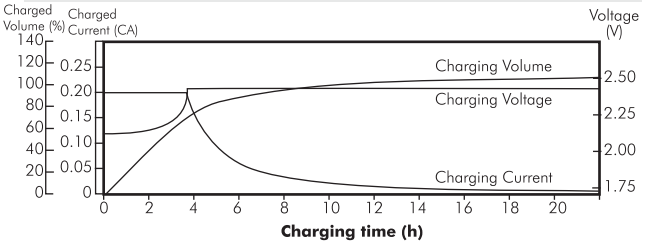
BATTERY DATA

Battery Model	Specification	Dimensions (mm)			Weight (kg)	Capacity (Ah)				
		L	W	H		1HR	3HR	5HR	10HR	20HR
NP100-12-L	12V 100Ah	328	172	219	31	59	78	88	100	110
NP150-12-L	12V 150Ah	483	170	241	45	87	115	130	150	165
NP200-12-L	12V 200Ah	522	240	244	65	115	152	172	200	220
GM400-2L	2V 400Ah	210	176	330	28	247	294	360	400	440
GM800-2L	2V 800Ah	410	175	330	57	496	585	720	800	880
GM1200-2L	2V 1200Ah	475	175	330	75	678	918	1080	1200	1320
GM1500-2L	2V 1500Ah	400	350	345	98	847	1149	1350	1500	1650

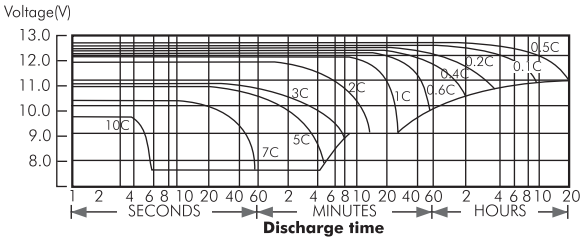
12V Charge Characteristic Curve @25°C



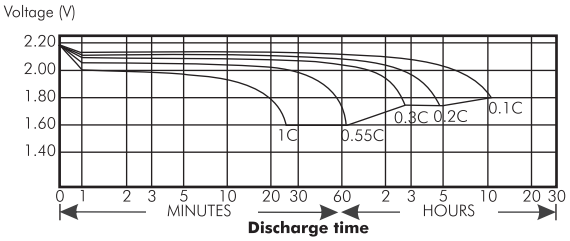
2V Charge Characteristic Curve @25°C



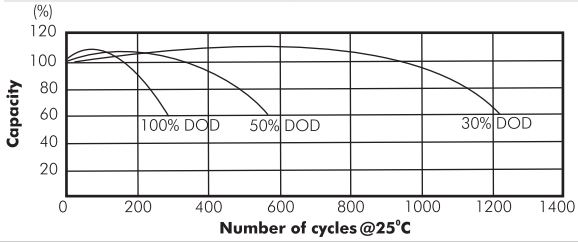
12V Discharge Characteristic @25°C



2V Discharge Characteristic @25°C



12V Cycle Service Life in Relation of depth of Discharge @25°C



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