

Battery Voltage, 12V Battery, No Charge or Load for at Least 6 Hours

Temp F.	30	40	50	60	70	80	90	100	
Percentage of Charge	100	12.59	12.62	12.65	12.67	12.70	12.73	12.76	12.79
	90	12.48	12.51	12.54	12.56	12.59	12.62	12.65	12.68
	80	12.36	12.39	12.42	12.44	12.47	12.50	12.53	12.56
	70	12.23	12.26	12.29	12.31	12.34	12.37	12.40	12.43
	60	12.10	12.13	12.16	12.18	12.21	12.24	12.27	12.30
	50	11.96	11.99	12.02	12.04	12.07	12.10	12.13	12.16
	40	11.82	11.85	11.88	11.90	11.93	11.96	11.99	12.02
	30	11.67	11.70	11.73	11.75	11.78	11.81	11.84	11.87
	20	11.52	11.55	11.58	11.60	11.63	11.66	11.69	11.72
	0	10.36	10.39	10.42	10.44	10.47	10.50	10.53	10.56

Volts / Cell, No Charge or Load for at least 6 Hours

Temp F.	30	40	50	60	70	80	90	100	
Percentage of Charge	100	2.10	2.10	2.11	2.11	2.12	2.12	2.13	2.13
	90	2.08	2.08	2.09	2.09	2.10	2.10	2.11	2.11
	80	2.06	2.06	2.07	2.07	2.08	2.08	2.09	2.09
	70	2.04	2.04	2.05	2.05	2.06	2.06	2.07	2.07
	60	2.02	2.02	2.03	2.03	2.04	2.04	2.04	2.05
	50	1.99	2.00	2.00	2.01	2.01	2.02	2.02	2.03
	40	1.97	1.97	1.98	1.98	1.99	1.99	2.00	2.00
	30	1.95	1.95	1.95	1.96	1.96	1.97	1.97	1.98
	20	1.92	1.92	1.93	1.93	1.94	1.94	1.95	1.95
	0	1.73	1.73	1.74	1.74	1.75	1.75	1.75	1.76

Specific Gravity of Each Cell, No Charge or Load for at least 6 Hours

Temp F.	30	40	50	60	70	80	90	100	
Percentage of Charge	100	1.257	1.261	1.265	1.269	1.273	1.277	1.281	1.285
	90	1.238	1.242	1.246	1.250	1.254	1.258	1.262	1.266
	80	1.218	1.222	1.226	1.230	1.234	1.238	1.242	1.246
	70	1.197	1.201	1.205	1.209	1.213	1.217	1.221	1.225
	60	1.175	1.179	1.183	1.187	1.191	1.195	1.199	1.203
	50	1.152	1.156	1.160	1.164	1.168	1.172	1.176	1.180
	40	1.128	1.132	1.136	1.140	1.144	1.148	1.152	1.156
	30	1.104	1.108	1.112	1.116	1.120	1.124	1.128	1.132
	20	1.078	1.082	1.086	1.090	1.094	1.098	1.102	1.106
	10	1.053	1.057	1.061	1.065	1.069	1.073	1.077	1.081

Notes

Bulk Charge - 10.5 - 15 Volts, Maximum Safe Current, Charge until cell reaches 80-90 of Full Charge

Absorbion - 14.2 - 15.5 Volts, Voltage Constant, Current Decreasing until charge reaches 100%

Float - 12.8 - 13.2 Constant Voltage Charge

For Maximum Battery Life 80% of Charge Discharge Cycles should be between 40-50%

10% of discharges can go as low as 20%, Going below 20% could cause permanent damage

12V FLOODED BATTERY SPECIFICATIONS