



# VMAXTANKS™

## State of Charge vs Temperature Table Chart



The State of Charge of the battery is determined by measuring the off-load voltage after the battery has been allowed to rest for over 3 hours.

% of capacity at 20°C	Voltage per cell at different temperatures				
	0°C	10°C	20°C	30°C	40°C
	32°F	50°F	68°F	86°F	104°F
100%	2.20	2.19	2.18	2.17	2.16
80%	2.15	2.14	2.13	2.12	2.11
60%	2.10	2.09	2.08	2.07	2.06
40%	2.05	2.04	2.03	2.02	2.01
20%	2.00	1.99	1.97	1.96	1.95

% of capacity at 20°C	Voltage per 6V battery at different temperatures				
	0°C	10°C	20°C	30°C	40°C
	32°F	50°F	68°F	86°F	104°F
100%	6.60	6.57	6.54	6.51	6.48
80%	6.45	6.42	6.39	6.36	6.33
60%	6.30	6.27	6.24	6.21	6.18
40%	6.15	6.12	6.09	6.06	6.03
20%	6.00	5.97	5.91	5.88	5.85

% of capacity at 20°C	Voltage per 12V battery at different temperatures				
	0°C	10°C	20°C	30°C	40°C
	32°F	50°F	68°F	86°F	104°F
100%	13.20	13.14	13.08	13.02	12.96
80%	12.90	12.84	12.78	12.72	12.66
60%	12.60	12.54	12.48	12.42	12.36
40%	12.30	12.24	12.18	12.12	12.06
20%	12.00	11.94	11.82	11.76	11.70