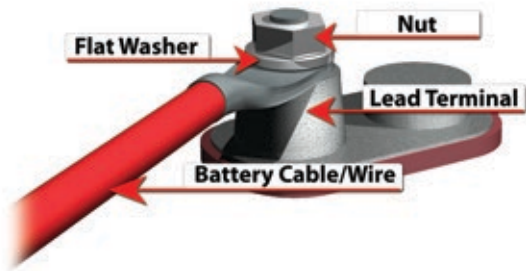


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T R O J A N B A T T E R Y



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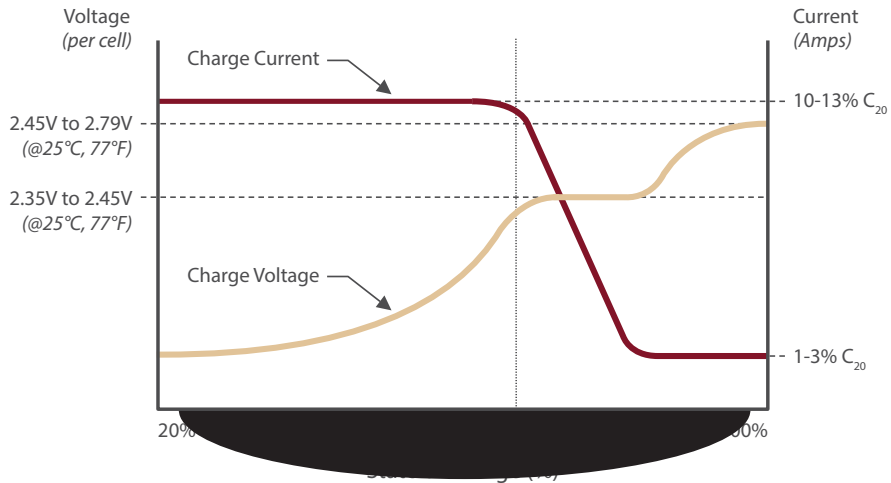
Table 4

Charger Voltage Settings for Deep-Cycle Flooded/Wet Batteries						
System Voltage	6 Volt	8 Volt	12 Volt	24 Volt	36 Volt	48 Volt
Daily Charge	7.4	9.87	14.8	29.6	44.4	59.2
Absorption Charge for RE Applications	7.05 – 7.35	9.4 – 9.8	14.1 – 14.7	28.2 – 29.4	42.3 – 44.10	56.4 – 58.8
Float Charge	6.6	8.8	13.2	26.4	39.4	52.8
Equalize Charge	7.8	10.4	15.5	31.0	46.5	62.0

The chart below illustrates a typical recharge profile:

Diagram 4

Recommended Deep-Cycle Flooded/Wet Charging Profile



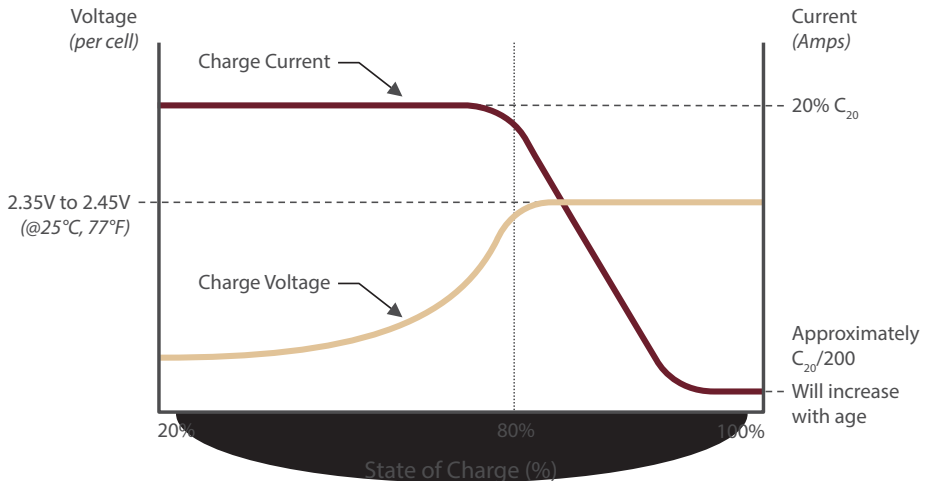
Note: Charging time will vary depending on battery size, charger output, and depth of discharge.

Charger Voltage Settings for Deep-Cycle AGM Batteries						
System Voltage	6 Volt	8 Volt	12 Volt	24 Volt	36 Volt	48 Volt
Daily Charge	6.9 – 7.2	9.2 – 9.6	13.8 – 14.4	27.6 – 28.2	41.4 – 42.3	55.2 – 56.4
Absorption Charge for RE Applications	7.05 – 7.35	9.4 – 9.80	14.1 – 14.7	28.2 – 29.4	42.3 – 44.1	56.4 – 58.8
Float Charge	6.75	9.0	13.5	27	40.5	54

The chart below illustrates a typical recharge profile:



Recommended Trojan Deep-Cycle AGM Charging Profile



Note: Charging time will vary depending on battery size, charger output, and depth of discharge.

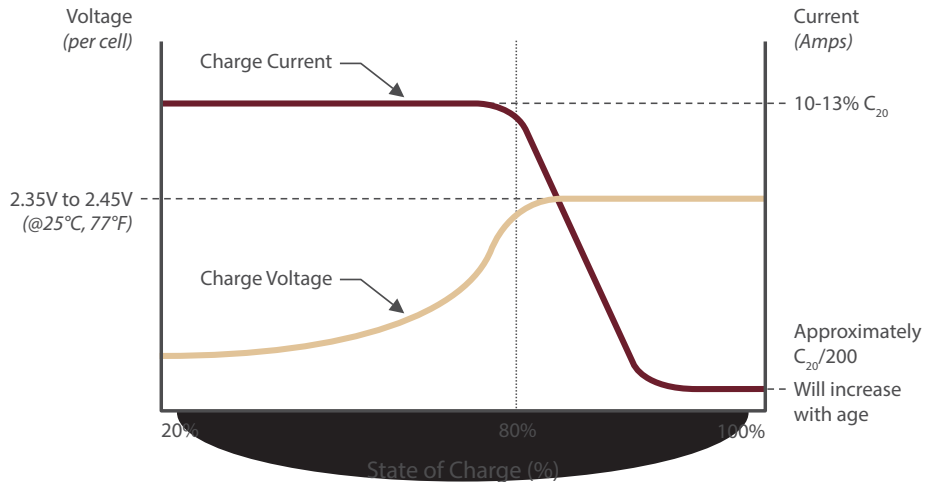
Table 6

Charger Voltage Settings for Deep-Cycle Gel Batteries						
System Voltage	6 Volt	8 Volt	12 Volt	24 Volt	36 Volt	48 Volt
Daily Charge	6.9 – 7.2	9.2 – 9.6	13.8 – 14.4	27.6 – 28.2	41.4 – 42.3	55.2 – 56.4
Absorption Charge for RE Applications	7.05 – 7.2	9.4 – 9.6	14.1 – 14.4	28.2 – 28.8	42.3 – 43.2	56.4 – 57.6
Float Charge	6.75	9.0	13.5	27	40.5	54

The chart below illustrates a typical recharge profile:

Diagram 6

Recommended Trojan Deep-Cycle Gel™ Charging Profile



Note: Charging time will vary depending on battery size, charger output, and depth of discharge.



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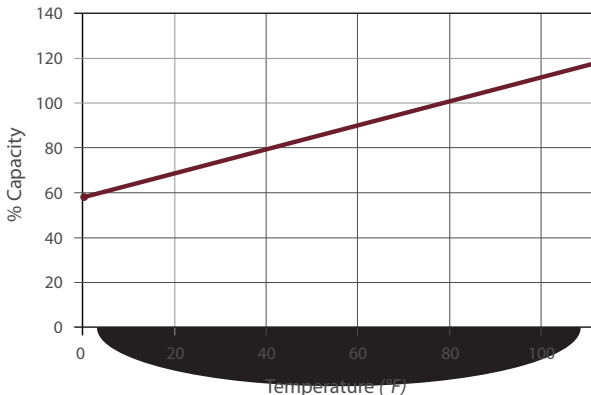
6 How to Maximize the Performance of your Trojan Battery

- ▶ Follow all the procedures in this User's Guide for proper installation, maintenance and storage.
- ▶ Do not discharge your battery more than 80%. This safety factor will eliminate the chance of over-discharging and damaging your battery.
- ▶ If you have any questions or concerns about battery care, please contact Trojan Battery Company's technical support engineers at 800-423-6569 Ext. 3045 or +1-562-236-3045 before a problem develops.

6 What to Expect from your Trojan Battery

- ▶ A new deep-cycle battery will not deliver its full rated capacity. This is normal and should be expected as it takes time for a deep-cycle battery to reach maximum performance or peak capacity.
- ▶ Trojan's batteries take between 50 – 100 cycles to work up to providing full, peak capacity.
- ▶ When operating batteries at temperatures below 80°F (27°C) they will deliver less than the rated capacity. For example at 0°F (-18°C) the battery will deliver 50% of its capacity and at 80°F (27°C) it will deliver 100% of its capacity.
- ▶ When operating batteries at temperatures above 80°F (27°C) they will deliver more than the rated capacity but the battery life will be reduced.
- ▶ The life of a battery is difficult to predict, as it will vary with application, frequency of usage and level of maintenance.

Temperature versus Capacity



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Trojan batteries are available worldwide.
We offer outstanding technical support, provided by full-time application engineers.
call 800.423.6569 or + 1.562.236.3000 or visit www.trojanbattery.com
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