

Table 3-1 Advantages /disadvantages by Chemistry

<b>Feature</b>	<b>Flooded Starting</b>	<b>Flooded Deep Cycle</b>	<b>Gel</b>	<b>AGM</b>
Cost	Lowest Initial and Highest per Cycle	Very Good Initial and per Cycle	Lowest per Cycle and Highest Initial	Very Good Initial and Excellent per Cycle
Weight	Lightest per Ah		Heaviest per Ah	
Mounting	Upright	Upright	On side with 10% power loss	On side with no power loss
Ventilation	Low Gassing	Gasses and Requires Ventilation	Very Low to No Gassing	Very Low to No Gassing
Vibration Resistance	Medium	Medium	High	Very High
Electrolyte	Spillable	Spillable and Can Add Water	Spillproof and Leakproof	Spillproof and Leakproof
Output Amps	25% of Ah capacity	25% of Ah capacity	33% of Ah capacity	33% of Ah capacity
50% Capacity Lifetime Cycles	n/a	approx. 350	approx. 650	approx. 370
Charging (see Table 3-5)		Least Sensitive to Overcharging	Maximum of 14.1 V Most Sensitive to Overcharging	Maximum of 14.6 V
Charging Time	Good	Excellent	Best	Best
Self-Discharge	1 to 3% per month	up to 1% per day	under 2% per month	under 2% per month