

## ***Does depth of discharge affect cycle life?***

Yes! The harder any battery has to work, the sooner it will fail.

<i>Typical* VRLA Battery Cycling Ability vs. Depth of Discharge</i>		
	<b>Typical Life Cycles</b>	
<b>Capacity Withdrawn</b>	<b>Gel</b>	<b>AGM</b>
100%	450	150
80%	600	200
50%	1000	370
25%	2100	925
10%	5700	3100

*\* You may experience longer or shorter life based upon application, charging regimen, temperature, rest periods, type of equipment, age of battery, etc.*

As you can see, **the shallower the average discharge, the longer the life.** This is why it's important to size a battery system to deliver at least twice the average power required, to assure shallow discharges.