

State of Charge 12V FLA &SLA	Flooded Lead Acid (FLA) in Volts	AGM (SLA) in Volts	Ranges and Warnings for all 12V Deep Cycle Batteries	State of Charge 12V Lithium iron phosphate (LFP)	Lithium (LFP) in Volts
100%	12,70	13,00	Cycling in this zone will ensure a reasonable life expectancy	100%	14,4
90%	12,50	12,75		100%	13,6
80%	12,42	12,50		99%	13,4
70%	12,32	12,30		90%	13,3
60%	12,20	12,15		70%	13,2
50% (Depth of Discharge)	12,06	12,05		40%	13,1
40%	11,90	11,95		30%	13,0
30%	11,75	11,81		20% (Depth of Discharge)	12,9
20%	11,58	11,66		17%	12,8
10%	11,31	11,51		Occasionally this zone is ok: too much will shorten life.	14%
0%	10,50	10,05	Dropping into this zone will permanently damage battery.	9%	12,0
				0%	10,0