

# Recommended Charger Size vs. CCA Rating

## Maintenance Free Batteries

Group	CCA	Charger Amps*
U1	200	1.6
22NF	350	2.9
24	525	4.3
27	580	4.7
31M	800	6.5
4D	1110	9.1
8D	1450	11.9

## Flooded Batteries

Group	CCA	Charger Amps*
3ET	500	3.3
4D	1050	6.9
4DLT	850	5.6
8D	1425	9.3
8D	1400	9.2
8D	1100	7.2
17TF	530	3.5
28	550	3.6
30H	650	4.3
31	1000	6.5
31	950	6.2
31	760	5.0
31	650	4.3
31	730	4.8
31	700	4.6

### \* IMPORTANT! Charger sizing notes

1. Assumes NFPA-110 Level 1 performance – i.e. recharging a fully discharged battery in 24 hours
2. Assumes use of SENS Dynamic Boost automatic fast charging system only available in SENS' MicroGenius2 class chargers.
3. Assumes no constant DC load. When there is a constant DC load, increase size of charger by number of amps constant draw.  
Example: 8D battery 1425 CCA requires a 9.3A charger. If there were a 1A continuous DC draw the charger size must increase to 10.3A. Since there is no 10.3A rated charger, increase to next larger charger amp rating above 10A.