

**Internal Resistance and Short Circuit Current values**

Battery Model	Internal Resistance ( $\Omega$ )	Short Circuit Current (A)
2 KS 33P	0.00023	9113
2 OS 33P	0.00022	9701
2 YS 27P	0.00019	10921
2 YS 31P	0.00017	12539
2 YS 62P	0.00008	25078
4 CS 17P	0.00110	3807
4 KS 21P	0.00066	6383
4 KS 25P	0.00051	8209
4 KS 27P	0.00047	8865
6 CS 17P	0.00165	3807
6 CS 21P	0.00153	4120
6 CS 25P	0.00127	4946
6 CS 27P	0.00118	5342
8 CS 17P	0.00221	3807
8 CS 25P	0.00170	4946
12 CS 11P	0.00382	3300
8 NS 23P	0.00254	3310
8 CH 23P	0.00198	4242
8 NS 33P	0.00183	4593
8 CH 33P	0.00156	5368
4 CH 23P	0.00099	4242
16 CH 25P	0.00726	4628
16 CH 33P	0.00632	5314
16 CH 35P	0.00621	5412
S1380	0.00019	11083
S1450	0.00018	11645
S1590	0.00017	12666
S1660	0.00016	13224
S1725	0.00015	13721
S1860	0.00014	14795
S1400EX	0.00037	5738
6FS220	0.00339	1858
EHW220	0.00339	1858
S290	0.00339	1858
S330	0.00298	2111
EIW250	0.00298	2111
6FS250	0.00298	2111
EIGH262	0.00344	1830
6FS260	0.00344	1830
NS305	0.00245	2575
6FS300	0.00245	2575
CH375	0.00171	3694
FC420	0.00171	3694
S460	0.00171	3694
6FS350	0.00171	3694
S480	0.00163	3855
S530	0.00149	4222
6FS400	0.00149	4222
S550	0.00144	4381
S600	0.00133	4750
6FS400	0.00133	4750
S620	0.00128	4908
S500EX	0.00191	3300
24 HT 80	0.01500	840
27 HT 90	0.01333	945
12FS95	0.01333	945
27 HT 105	0.01143	1103
T12136	0.01148	1098
12FS135	0.01148	1098
T12 250	0.00597	2111
12FS200	0.00597	2111
HT8D	0.00512	2460
12HHG8D	0.00430	2928
30H125	0.00896	1406
12HHG185P	0.00633	1991
12HHG325P	0.00371	3397
12MD325P	0.00371	3397
12EHG210P	0.00531	2373
12EHG375P	0.00311	4048
12MD375P	0.00311	4048
6HHG15DP	0.00215	2928
6 HHG 31P	0.00174	3631
6 EHG 31P	0.00146	4328
8HHG21P	0.00342	2460
8HHG25P	0.00241	3490
8HHG29P	0.00207	4048
8 HHG 31P	0.00231	3631
8 EHG 31P	0.00194	4328