

SCL - SCM - SCH Ni-Cd DIN single cells

Capacity: 11 Ah to 411 Ah

norwatt@norwatt.es

Nickel-cadmium single cells are designed for general purpose applications, where maximum operating reliability is a key factor:

- switch tripping
- emergency lighting
- photovoltaic systems
- DC instrumentation

SCL cells are designed for long discharge periods, typically 2 hours and longer.

SCM & SCH cells are designed for medium & short discharge periods between 5 minutes and 3 hours.



Benefits

- They provide a long service life, minor maintenance requirements, outstanding resistance to electrical and mechanical abuse, excellent charge retention, a long shelf life and long operation over a wide temperature range.
- Translucent polypropylene containers allow visibility of the electrolyte level, hence facilitating maintenance in stationary applications.
- The junction between the lid and the container is thermo-welded, ensuring good mechanical and electrical resistance.
- Flip top vents assure an easy maintenance.
- The products are qualified according IEC 60623.

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SAFT



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DIN SINGLE CELLS
Cell capacities and dimensions

Cell type	Ah	cc	kg	Litres	(H) mm	(W) mm	1 cell (L) mm	2 cells (L) 2 mm	3 cells (L) 3 mm	5 cells (L) 5 mm	Terminals
SCL 76	76	390	5.5	1.45	402	139	58	120	179	-	M20
SCL 89	89	380	5.7	1.35	402	139	58	120	179	-	M20
SCL 102	102	380	6.1	1.35	402	139	58	120	179	-	M20
SCL 128	128	530	7.3	1.79	402	139	75	154	230	-	M20
SCL 157	157	960	10.3	3.58	402	165	103	210	-	-	M20
SCL 189	189	940	10.7	3.35	402	165	103	-	-	-	M20
SCL 221	221	935	11.2	3.12	402	165	103	-	-	-	M20
SCL 252	252	920	11.7	2.88	402	165	103	-	-	-	M20
SCL 284	284	1150	14.8	3.88	402	165	128	-	-	-	2 X M20
SCL 316	316	1135	15.3	3.65	402	165	128	-	-	-	2 X M20
SCL 347	347	1430	17.6	4.83	402	165	156	-	-	-	2 X M20
SCL 379	379	1415	18.1	4.59	402	165	156	-	-	-	2 X M20
SCL 411	411	1405	18.7	4.36	402	165	156	-	-	-	2 X M20

Cell type	Ah	cc	kg	Litres	(H)mm	(W)mm	1 cell (L)mm	2 cells (L)2 mm	3 cells (L) 3mm	5 cells (L)5 mm	Terminals
SCM 65	65	390	5.30	1.45	402	139	58	120	179	-	M20
SCM 83	83	380	5.70	1.31	402	139	58	120	179	-	M20
SCM 101	101	525	6.90	1.86	402	139	75	154	230	-	M20
SCM 118	118	510	7.30	1.71	402	139	75	154	230	-	M20
SCM 145	145	925	10.3	3.48	402	165	103	210	-	-	M20
SCM 167	167	910	10.8	3.31	402	165	103	-	-	-	M20
SCM 189	189	890	11.3	3.13	402	165	103	-	-	-	M20
SCM 211	211	875	11.7	2.95	402	165	103	-	-	-	M20
SCM 232	232	1125	14.6	3.99	402	165	128	-	-	-	2 x M20
SCM 254	254	1105	15.0	3.82	402	165	128	-	-	-	2 x M20
SCM 276	276	1090	15.4	3.64	402	165	128	-	-	-	2 x M20
SCM 298	298	1375	17.4	4.85	402	165	156	-	-	-	2 x M20
SCM 319	319	1360	17.8	4.68	402	165	156	-	-	-	2 x M20
SCM 341	341	1345	18.2	4.50	402	165	156	-	-	-	2 x M20

Cell type	Ah	cc	kg	Litres	(H)mm	(W)mm	1 cell (L)mm	2 cells (L)2 mm	3 cells (L) 3mm	5 cells (L)5 mm	Terminals
SCH 11	11	105	1.7	0.39	257	87	46	96	143	237	M10
SCH 14	14	100	1.9	0.46	287	87	46	96	143	237	M10
SCH 18	18	95	2.0	0.41	287	87	46	96	143	237	M10
SCH 22	22	95	2.2	0.36	287	87	46	96	143	237	M10
SCH 26	26	215	3.3	0.98	287	87	86	176	263	437	M10
SCH 34	34	205	3.5	0.88	287	87	86	176	263	437	M10
SCH 38	38	195	3.7	0.83	287	87	86	176	263	437	M10
SCH 46	46	190	4.0	0.73	287	87	86	176	263	437	M10
SCH 50	50	185	4.1	0.68	287	87	86	176	263	437	M10
SCH 58	58	355	5.9	1.16	362	139	58	120	179	297	M20
SCH 67	67	350	6.0	1.06	362	139	58	120	179	297	M20
SCH 85	85	485	7.3	1.47	362	139	75	154	230	-	M20
SCH 93	93	480	7.5	1.37	362	139	75	154	230	-	M20
SCH 102	102	730	8.8	2.39	362	139	105	214	320	-	M20
SCH 111	111	730	9.0	2.29	362	139	105	214	-	-	M20
SCH 128	128	700	9.5	2.09	362	139	105	214	-	-	M20
SCH 137	137	695	9.7	1.99	362	139	105	214	-	-	M20
SCH 147	147	1095	14.0	3.65	362	165	128	-	-	-	2 x M20
SCH 168	168	1075	14.4	3.41	362	165	128	-	-	-	2 x M20
SCH 190	190	1055	14.9	3.16	362	165	128	-	-	-	2 x M20
SCH 211	211	1030	15.4	2.92	362	165	128	-	-	-	2 x M20
SCH 244	244	1295	18.0	3.79	362	165	156	-	-	-	2 x M20
SCH 254	254	1285	18.2	3.67	362	165	156	-	-	-	2 x M20
SCH 265	265	1270	18.5	3.55	362	165	156	-	-	-	2 x M20



SAFT

SCL Cells

Performance after long term floating with constant voltage charging

Final voltage 1.00 V

Batt.Type	Capacity	10 h	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 sec	5 sec	1 sec
SCL 76	76	7.78	9.62	15.2	24.6	33.5	40.1	49.6	55.5	61.1	67.7	70.2	75.5	84.1	106	115	129	134
SCL 89	89	9.11	11.3	17.8	28.8	39.2	46.9	58.1	65.0	71.6	79.3	82.2	88.4	98.5	125	135	152	157
SCL 102	102	10.4	12.9	20.4	33.0	45.0	53.8	66.6	74.5	82.0	90.8	94.2	101	113	143	155	174	179
SCL 128	128	13.1	16.2	25.6	41.4	56.4	67.5	83.5	93.5	103	114	118	127	142	179	194	218	225
SCL 157	157	16.0	19.9	31.4	50.8	69.3	82.9	102	115	127	140	145	156	173	219	238	268	277
SCL 189	189	19.3	24.0	37.8	61.2	83.4	99.7	123	138	152	169	175	188	209	264	287	323	333
SCL 221	221	22.5	28.0	44.2	71.5	97.6	117	144	161	178	197	204	219	244	309	335	377	390
SCL 252	252	25.7	31.9	50.4	81.5	111	133	164	184	203	225	233	250	278	352	382	430	444
SCL 284	284	29.0	36.0	56.8	91.9	125	150	185	207	229	253	263	282	313	397	431	485	501
SCL 316	316	32.2	40.1	63.2	102	140	167	206	231	255	282	292	314	349	442	479	539	557
SCL 347	347	35.4	44.0	69.4	112	153	183	226	253	280	309	321	344	383	485	526	592	612
SCL 379	379	38.6	48.0	75.8	123	167	200	247	277	305	338	350	376	418	530	575	647	668
SCL 411	411	41.9	52.1	82.2	133	181	217	268	300	331	367	380	408	454	574	623	702	724

Final voltage 1.05 V

Batt.Type	Capacity	10h	8h	5h	3h	2h	1,5h	1h	45 min	30min	20 min	15 min	10min	5min	1min	30 sec	5 sec	1sec
SCL 76	76	7.66	9.56	15.0	22.0	29.4	35.6	41.8	46.5	50.9	55.8	57.8	62.7	69.5	87.0	94.0	105	112
SCL 89	89	8.97	11.2	17.6	25.8	34.4	41.7	49.0	54.5	59.7	65.3	67.6	73.5	81.4	102	110	123	131
SCL 102	102	10.3	12.8	20.2	29.5	39.5	47.8	56.2	62.5	68.4	74.9	77.5	84.2	93.2	117	126	141	150
SCL 128	128	12.9	16.1	25.3	37.0	49.5	60.0	70.5	78.4	85.8	93.9	97.3	106	117	147	158	177	189
SCL 157	157	15.9	19.7	31.1	45.5	60.8	73.5	86.3	96.0	105	115	119	129	144	180	194	217	231
SCL 189	189	19.1	23.7	37.4	54.8	73.2	88.5	104	116	127	138	143	156	173	217	233	262	278
SCL 221	221	22.3	27.7	43.7	64.1	85.6	103	122	135	148	162	168	182	202	253	273	306	325
SCL 252	252	25.4	31.6	49.8	73.1	97.6	118	139	154	169	185	191	208	230	289	311	349	371
SCL 284	284	28.7	35.7	56.2	82.4	110	133	156	174	190	208	215	234	260	326	351	393	418
SCL 316	316	31.9	39.7	62.5	91.7	122	148	174	193	212	231	240	261	289	362	390	438	465
SCL 347	347	35.0	43.6	68.6	101	134	162	191	212	232	254	263	286	317	398	429	480	511
SCL 379	379	38.3	47.6	75.0	110	147	177	208	232	254	278	287	313	346	435	468	525	558
SCL 411	411	41.5	51.6	81.3	119	159	192	226	251	275	301	312	339	376	471	508	569	605

Final voltage 1.10 V

Batt.Type	Capacity	10h	8h	5h	3h	2h	1,5h	1h	45 min	30min	20 min	15 min	10min	5min	1min	30 sec	5 sec	1sec
SCL 76	76	7.60	9.16	13.3	19.4	25.8	29.8	34.1	37.6	41.0	45.1	46.2	49.3	55.3	70.7	76.1	82.3	84.0
SCL 89	89	8.90	10.7	15.6	22.7	30.2	34.9	39.9	44.1	48.1	52.8	54.1	57.8	64.7	82.7	89.1	96.4	98.3
SCL 102	102	10.2	12.3	17.9	26.1	34.6	40.0	45.7	50.5	55.1	60.5	62.0	66.2	74.2	94.8	102	110	113
SCL 128	128	12.8	15.4	22.4	32.7	43.4	50.2	57.4	63.4	69.1	75.9	77.8	83.1	93.1	119	128	139	141
SCL 157	157	15.7	18.9	27.5	39.9	53.2	61.4	70.3	77.7	84.8	93.1	95.7	102	114	146	157	170	172
SCL 189	189	18.9	22.8	33.1	48.1	64.0	73.9	84.6	93.5	102	112	115	122	137	176	189	205	208
SCL 221	221	22.1	26.7	38.7	56.2	74.8	86.4	98.9	109	119	131	135	143	161	206	221	240	243
SCL 252	252	25.2	30.4	44.1	64.1	85.3	98.5	113	125	136	149	154	163	183	235	252	273	277
SCL 284	284	28.4	34.3	49.7	72.3	96.2	111	127	141	153	168	173	184	207	265	284	308	312
SCL 316	316	31.6	38.1	55.3	80.4	107	124	141	156	171	187	193	205	230	294	316	343	347
SCL 347	347	34.7	41.8	60.7	88.3	118	136	155	172	187	206	212	225	252	323	348	376	381
SCL 379	379	37.9	45.7	66.3	96.4	128	148	170	188	205	225	231	246	276	353	380	411	416
SCL 411	411	41.1	49.6	71.9	105	139	161	184	203	222	244	251	266	299	383	412	446	452

Final voltage 1.14 V

Batt.Type	Capacity	10h	8h	5h	3h	2h	1,5h	1h	45 min	30min	20 min	15 min	10min	5min	1min	30 sec	5 sec	1sec
SCL 76	76	7.42	8.74	11.6	17.1	21.4	24.2	27.5	30.1	32.5	36.0	36.8	38.8	43.6	56.3	61.4	65.6	66.8
SCL 89	89	8.69	10.2	13.6	20.1	25.0	28.3	32.2	35.3	38.1	42.1	43.0	45.4	51.1	66.0	71.9	76.8	78.2
SCL 102	102	9.96	11.7	15.6	23.0	28.7	32.5	36.9	40.4	43.7	48.3	49.3	52.0	58.5	75.6	82.4	88.1	89.6
SCL 128	128	12.5	14.7	19.6	28.9	36.0	40.7	46.4	50.7	54.8	60.6	61.9	65.3	73.5	94.9	103	111	112
SCL 157	157	15.4	18.1	24.0	35.4	44.1	49.9	57.0	62.1	67.3	74.3	76.0	80.2	90.1	116	127	136	138
SCL 189	189	18.5	21.8	28.9	42.6	53.1	60.1	68.6	74.8	81.0	89.4	91.5	96.5	109	140	152	164	166
SCL 221	221	21.7	25.4	33.8	49.9	62.1	70.3	80.2	87.4	94.7	105	107	113	127	164	178	191	194
SCL 252	252	24.7	29.0	38.5	56.9	70.8	80.1	91.4	99.7	108	119	122	129	145	187	203	218	221
SCL 284	284	27.8	32.7	43.4	64.1	79.8	90.3	103	112	122	134	138	145	163	211	229	246	249
SCL 316	316	31.0	36.4	48.3	71.3	88.8	100	115	125	135	150	153	161	181	234	255	273	277
SCL 347	347	34.0	39.9	53.1	78.3	97.5	110	126	137	149	164	168	177	199	257	280	300	305
SCL 379	379	37.2	43.6	58.0	85.5	106	120	137	150	162	179	183	194	218	281	306	328	333
SCL 411	411	40.3	47.3	62.9	92.7	115	131	149	163	176	194	199	210	236	305	332	356	361



SCH Cells

Performance after long term floating with constant voltage charging.

Final voltage 1.00 V

Batt.Type	Capacity	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 sec	15 sec	5 sec	1 sec
SCH 11	11	1.38	2.20	3.52	5.06	6.53	9.46	12.0	16.7	22.1	24.8	28.2	33.7	46.2	51.7	57.3	64.7	75.8
SCH 14	14	1.75	2.80	4.48	6.44	8.31	12.0	15.3	21.3	28.1	31.5	35.9	42.9	58.8	65.9	72.9	82.3	96.4
SCH 18	18	2.25	3.60	5.76	8.28	10.7	15.4	19.7	27.4	36.1	40.5	46.2	55.2	75.6	84.7	93.7	106	124
SCH 22	22	2.75	4.40	7.04	10.1	13.1	18.9	24.1	33.4	44.2	49.5	56.5	67.4	92.4	103	115	129	152
SCH 26	26	3.25	5.20	8.34	11.9	15.4	22.3	28.4	39.5	52.2	58.5	66.8	79.5	109	122	135	153	179
SCH 34	34	4.25	6.80	10.9	15.6	20.2	29.2	37.2	51.7	68.3	76.5	87.3	104	143	160	177	200	234
SCH 38	38	4.75	7.60	12.2	17.5	22.5	32.7	41.5	57.8	76.4	85.5	97.5	116	160	179	198	223	262
SCH 46	46	5.75	9.20	14.7	21.1	27.3	39.5	50.3	69.9	92.4	104	118	141	193	216	239	271	317
SCH 50	50	6.25	10.0	16.0	23.0	29.7	43.0	54.7	76.0	101	113	128	153	210	235	260	294	344
SCH 58	58	7.25	11.6	18.8	27.3	35.6	52.2	68.0	98.7	132	151	171	196	278	307	336	371	414
SCH 67	67	8.38	13.4	21.7	31.5	41.1	60.3	78.6	114	153	174	198	226	321	355	388	428	478
SCH 85	85	10.6	17.0	27.5	40.0	52.1	76.5	99.7	145	194	221	251	287	407	450	493	543	607
SCH 93	93	11.6	18.6	30.1	43.8	57.0	83.7	109	159	212	242	275	314	445	492	539	594	664
SCH 102	102	12.8	20.4	33.0	47.9	62.6	91.8	120	173	233	265	302	345	488	540	591	651	728
SCH 111	111	13.9	22.2	35.9	52.1	68.1	99.9	131	188	254	288	329	375	531	588	643	708	792
SCH 128	128	16.0	25.6	41.4	60.2	78.5	115	150	218	292	333	379	433	613	677	742	817	914
SCH 137	137	17.1	27.4	44.3	64.4	84.0	123	161	233	313	356	406	463	656	725	794	874	978
SCH 147	147	18.4	29.4	47.5	69.1	89.2	129	167	235	313	354	402	497	642	704	778	877	988
SCH 168	168	21.0	33.6	54.3	79.0	102	147	191	269	358	405	459	568	734	805	889	1002	1129
SCH 190	190	23.8	38.0	61.4	89.3	115	167	215	304	405	457	519	642	830	910	1005	1133	1277
SCH 211	211	26.4	42.2	68.2	99.2	128	186	239	338	449	508	577	713	922	1010	1117	1258	1418
SCH 244	244	30.5	48.8	78.9	115	148	215	277	390	520	587	667	825	1066	1168	1291	1455	1640
SCH 254	254	31.8	50.8	82.1	119	154	224	288	406	541	611	694	858	1109	1216	1344	1515	1707
SCH 265	265	33.1	53.0	85.7	125	161	233	300	424	564	637	725	895	1158	1269	1402	1580	1781

Final voltage 1.05 V

Batt.Type	Capacity	8h	5h	3h	2h	1,5h	1h	45min	30min	20min	15min	10min	5min	1min	30sec	15sec	5sec	1sec
SCH 11	11	1.36	2.18	3.48	5.01	6.53	9.35	11.7	15.4	18.5	20.6	22.7	26.3	39.2	43.7	48.1	54.4	63.3
SCH 14	14	1.74	2.77	4.43	6.37	8.31	11.9	14.9	19.6	23.5	26.3	28.8	33.5	49.9	55.6	61.2	69.2	80.5
SCH 18	18	2.24	3.56	5.70	8.19	10.7	15.3	19.2	25.2	30.2	33.8	37.0	43.1	64.2	71.5	78.7	89.0	104
SCH 22	22	2.73	4.36	6.97	10.0	13.1	18.7	23.5	30.8	37.0	41.3	45.3	52.6	78.4	87.3	96.2	109	127
SCH 26	26	3.23	5.15	8.26	11.9	15.4	22.1	27.8	36.4	43.7	48.8	53.5	62.2	92.5	103	114	128	150
SCH 34	34	4.22	6.73	10.8	15.5	20.2	28.9	36.3	47.6	57.2	63.8	70.0	81.3	121	135	149	168	196
SCH 38	38	4.71	7.52	12.0	17.3	22.5	32.3	40.5	53.2	63.9	71.3	78.2	90.8	135	151	166	188	219
SCH 46	46	5.71	9.11	14.6	21.0	27.3	39.1	49.1	64.4	77.4	86.3	94.7	110	164	183	202	227	265
SCH 50	50	6.20	9.90	15.8	22.8	29.7	42.5	53.3	70.0	84.1	93.8	103	120	178	198	219	247	288
SCH 58	58	7.19	11.5	18.5	27.3	35.6	51.6	65.7	91.8	113	126	138	162	230	258	277	310	348
SCH 67	67	8.31	13.3	21.4	31.5	41.1	59.6	75.9	106	130	145	159	187	266	298	320	358	402
SCH 85	85	10.5	16.8	27.2	40.0	52.1	75.7	96.3	134	165	185	202	237	337	379	406	454	509
SCH 93	93	11.5	18.4	29.8	43.8	57.0	82.8	105	147	181	202	221	259	369	415	444	497	557
SCH 102	102	12.6	20.2	32.6	47.9	62.6	90.8	116	161	198	221	242	284	405	454	487	545	611
SCH 111	111	13.7	22.0	35.5	52.1	68.1	98.8	126	175	215	241	263	309	441	494	530	593	665
SCH 128	128	15.9	25.3	41.0	60.2	78.5	114	145	202	248	278	304	357	508	570	612	684	767
SCH 137	137	17.0	27.1	43.9	64.4	84.0	122	155	216	265	298	325	382	544	610	655	732	821
SCH 147	147	18.2	29.1	47.0	68.4	88.2	128	161	218	264	292	326	381	536	595	643	726	833
SCH 168	168	20.8	33.3	53.7	78.2	101	146	184	249	302	334	373	435	613	680	735	830	952
SCH 190	190	23.6	37.6	60.8	88.4	114	165	208	281	341	378	421	492	693	770	831	939	1077
SCH 211	211	26.2	41.8	67.5	98.1	127	184	231	312	379	419	468	546	769	855	923	1043	1196
SCH 244	244	30.3	48.3	78.1	113	146	212	267	361	438	485	541	632	889	988	1067	1206	1383
SCH 254	254	31.5	50.3	81.3	118	152	221	278	376	456	505	563	658	926	1029	1111	1255	1440
SCH 265	265	32.9	52.5	84.8	123	159	231	290	392	476	527	588	686	966	1073	1159	1309	1503



SCH Cells

Performance after long term floating with constant voltage charging.

Final voltage 1.10 V

Batt.Type	Capacity	8h	5h	3h	2h	1,5h	1h	45min	30min	20min	15min	10min	5min	1min	30sec	15sec	5sec	1sec
SCH 11	11	1.33	2.16	3.45	4.95	6.31	8.71	10.4	12.5	14.4	15.3	17.1	19.3	30.9	34.3	37.6	43.5	49.3
SCH 14	14	1.69	2.74	4.39	6.30	8.03	11.1	13.2	16.0	18.3	19.5	21.8	24.6	39.4	43.6	47.9	55.3	62.8
SCH 18	18	2.17	3.52	5.64	8.10	10.3	14.3	17.0	20.6	23.5	25.1	28.0	31.6	50.7	56.1	61.6	71.1	80.7
SCH 22	22	2.66	4.31	6.89	9.90	12.6	17.4	20.7	25.1	28.7	30.7	34.2	38.6	61.9	68.6	75.2	86.9	98.6
SCH 26	26	3.14	5.09	8.18	11.7	14.9	20.6	24.5	29.7	34.0	36.2	40.5	45.7	73.1	81.1	88.7	102	116
SCH 34	34	4.11	6.66	10.7	15.3	19.5	26.9	32.0	38.8	44.4	47.4	52.9	59.7	95.6	106	116	134	152
SCH 38	38	4.60	7.45	11.9	17.1	21.8	30.1	35.8	43.4	49.6	53.0	59.1	66.7	107	118	130	150	170
SCH 46	46	5.56	9.01	14.5	20.7	26.4	36.4	43.3	52.5	60.1	64.1	71.6	80.8	129	143	157	181	206
SCH 50	50	6.05	9.80	15.7	22.5	28.7	39.6	47.1	57.0	65.3	69.7	77.8	87.8	141	156	171	198	224
SCH 58	58	7.02	11.3	18.5	26.7	34.8	49.3	59.1	72.5	84.7	94.4	104	118	185	203	225	247	274
SCH 67	67	8.11	13.0	21.4	30.8	40.2	57.0	68.3	83.8	97.9	109	120	136	214	234	260	285	316
SCH 85	85	10.3	16.5	27.2	39.1	51.0	72.4	86.6	106	124	139	153	173	271	297	329	362	401
SCH 93	93	11.3	18.1	29.8	42.8	55.8	79.2	94.8	116	136	152	167	189	297	325	360	396	439
SCH 102	102	12.3	19.8	32.6	46.9	61.2	86.8	104	128	149	166	183	207	326	357	395	434	481
SCH 111	111	13.4	21.5	35.5	51.0	66.6	94.5	113	139	162	181	199	225	355	389	430	472	523
SCH 128	128	15.5	24.8	41.0	58.9	76.8	109	130	160	187	209	230	260	409	447	496	545	603
SCH 137	137	16.6	26.5	43.9	63.0	82.2	117	139	171	200	224	246	278	438	478	531	583	645
SCH 147	147	17.8	29.1	46.6	67.6	86.2	119	142	173	196	215	236	272	413	469	514	581	681
SCH 168	168	20.3	33.3	53.3	77.3	98.5	136	162	198	224	246	270	311	472	536	587	664	778
SCH 190	190	23.0	37.6	60.2	87.4	111	154	184	224	253	278	305	351	534	606	664	751	881
SCH 211	211	25.5	41.8	66.8	97.1	124	171	204	248	281	308	338	390	593	674	738	834	978
SCH 244	244	29.5	48.3	77.3	112	143	198	236	287	325	357	391	451	686	779	853	964	1131
SCH 254	254	30.7	50.3	80.4	117	149	206	246	299	338	371	407	469	714	811	888	1004	1178
SCH 265	265	32.1	52.5	83.9	122	155	215	256	312	353	387	425	490	745	846	926	1047	1229

Final voltage 1.14 V

Batt.Type	Capacity	8h	5h	3h	2h	1,5h	1h	45min	30min	20min	15min	10min	5min	1min	30sec	15sec	5sec	1sec
SCH 11	11	1.29	2.11	3.34	4.68	5.79	7.13	8.01	9.54	11.2	12.2	13.4	15.2	24.2	27.3	30.5	34.4	39.1
SCH 14	14	1.64	2.69	4.25	5.95	7.37	9.08	10.2	12.1	14.3	15.5	17.0	19.4	30.8	34.8	38.8	43.7	49.7
SCH 18	18	2.11	3.46	5.46	7.65	9.48	11.7	13.1	15.6	18.4	19.9	21.9	24.9	39.6	44.7	49.9	56.2	63.9
SCH 22	22	2.57	4.22	6.67	9.35	11.6	14.3	16.0	19.1	22.5	24.3	26.7	30.4	48.4	54.7	60.9	68.7	78.1
SCH 26	26	3.04	4.99	7.88	11.1	13.7	16.9	18.9	22.6	26.5	28.8	31.6	35.9	57.2	64.6	72.0	81.1	92.5
SCH 34	34	3.98	6.53	10.3	14.5	17.9	22.1	24.7	29.5	34.7	37.6	41.3	47.0	74.8	84.5	94.1	106	121
SCH 38	38	4.45	7.30	11.5	16.2	20.0	24.6	27.7	32.9	38.8	42.0	46.2	52.5	83.6	94.4	105	119	135
SCH 46	46	5.38	8.83	13.9	19.6	24.2	29.9	33.4	39.9	46.9	50.9	55.9	63.6	101	114	127	143	164
SCH 50	50	5.85	9.60	15.2	21.3	26.3	32.4	36.4	43.4	51.0	55.3	60.8	69.1	110	124	138	156	178
SCH 58	58	6.79	11.3	18.18	25.8	32.5	41.5	47.1	57.2	66.2	71.5	78.3	95.2	144	164	181	197	218
SCH 67	67	7.84	13.0	21.0	29.8	37.5	47.9	54.4	66.1	76.5	82.6	90.5	110	166	190	209	228	252
SCH 85	85	9.95	16.5	26.6	37.8	47.6	60.7	69.0	83.8	97.1	105	115	140	211	241	266	290	320
SCH 93	93	10.9	18.1	29.1	41.4	52.1	66.4	75.5	91.7	106	115	126	153	231	264	291	317	350
SCH 102	102	11.9	19.8	32.0	45.4	57.1	72.9	82.8	101	116	126	138	167	253	290	319	348	384
SCH 111	111	13.0	21.5	34.8	49.4	62.1	79.3	90.1	110	126	137	150	182	275	316	347	379	418
SCH 128	128	15.0	24.8	40.1	57.0	71.7	91.4	104	126	146	158	173	210	318	364	400	436	482
SCH 137	137	16.1	26.5	42.9	61.0	76.7	97.8	111	135	156	169	185	225	340	390	428	467	516
SCH 147	147	17.2	28.8	45.1	63.9	79.4	98.1	111	132	154	167	185	203	334	386	407	459	553
SCH 168	168	19.7	32.9	51.5	73.0	90.7	112	127	151	176	191	211	232	382	441	465	525	632
SCH 190	190	22.2	37.2	58.3	82.7	103	127	143	171	199	216	239	263	432	499	526	594	715
SCH 211	211	24.7	41.4	64.7	91.8	114	141	159	190	220	240	266	292	479	554	584	659	794
SCH 244	244	28.5	47.8	74.8	106	132	163	183	220	255	278	307	337	554	641	676	762	918
SCH 254	254	29.7	49.8	77.9	110	137	170	191	229	265	289	320	351	577	667	703	793	956
SCH 265	265	31.0	51.9	81.3	115	143	177	199	239	277	301	334	366	602	696	734	828	997



SAFT

SCL Cells

Performance fully charged with constant current charging to IEC 60623 standard

Final voltage 1.00 V

Batt.Type	Capacity	10 h	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 sec	5 sec	1 sec
SCL 76	76	7.80	9.60	15.2	24.6	35.3	44.5	57.0	65.4	73.7	82.7	86.6	94.2	105	135	146	164	169
SCL 89	89	9.10	11.3	17.8	28.8	41.3	52.1	66.8	76.5	86.3	96.8	101	110	123	158	171	192	204
SCL 102	102	10.4	12.9	20.4	33.0	47.4	59.7	76.5	87.7	98.9	111	116	126	141	181	196	220	231
SCL 128	128	13.1	16.2	25.6	41.4	59.4	75.0	96.0	110	124	139	146	159	177	227	246	276	285
SCL 157	157	16.0	19.9	31.4	50.8	72.9	91.9	118	135	152	171	179	195	217	278	301	339	350
SCL 189	189	19.3	23.9	37.8	61.1	87.8	111	142	163	183	206	215	234	261	335	363	408	421
SCL 221	221	22.5	28.0	44.2	71.5	103	129	166	190	214	240	252	274	305	391	424	477	493
SCL 252	252	25.7	31.9	50.4	81.5	117	148	189	217	244	274	287	312	348	446	484	544	562
SCL 284	284	29.0	36.0	56.8	91.8	132	166	213	244	275	309	324	352	392	503	545	613	633
SCL 316	316	32.2	40.0	63.2	102	147	185	237	272	307	344	360	392	436	559	607	683	705
SCL 347	347	35.4	44.0	69.4	112	161	203	260	298	337	377	396	430	479	614	666	750	774
SCL 379	379	38.7	48.0	75.8	123	176	222	284	326	368	412	432	470	523	671	728	819	845
SCL 411	411	41.9	52.1	82.2	133	191	241	308	353	399	447	469	510	567	727	789	888	917

Final voltage 1.05 V

Batt.Type	Capacity	10 h	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 sec	5 sec	1 sec
SCL 76	76	7.70	9.50	15.0	24.2	34.2	42.4	51.7	58.5	65.4	72.2	75.8	82.5	92.7	118	127	142	151
SCL 89	89	9.00	11.2	17.6	28.3	40.1	49.6	60.5	68.5	76.5	84.6	88.8	96.6	109	138	149	166	177
SCL 102	102	10.3	12.8	20.2	32.4	45.9	56.9	69.4	78.5	87.7	97.0	102	111	124	158	170	191	203
SCL 128	128	12.9	16.1	25.3	40.7	57.6	71.4	87.0	98.6	110	122	128	139	156	198	214	239	255
SCL 157	157	15.9	19.7	31.1	49.9	70.7	87.6	107	121	135	149	157	170	192	243	262	294	312
SCL 189	189	19.1	23.7	37.4	60.1	85.1	105	129	146	163	180	189	205	231	293	316	353	376
SCL 221	221	22.3	27.7	43.7	70.2	99.5	123	150	170	190	210	220	240	270	343	369	413	440
SCL 252	252	25.5	31.6	49.8	80.1	113	141	171	194	217	240	251	273	307	391	421	471	501
SCL 284	284	28.7	35.7	56.2	90.2	128	158	193	219	244	270	283	308	346	440	474	531	565
SCL 316	316	31.9	39.7	62.5	100	142	176	215	243	272	300	315	343	386	490	528	591	629
SCL 347	347	35.0	43.6	68.6	110	156	194	236	267	298	330	346	376	423	538	579	649	691
SCL 379	379	38.3	47.6	75.0	120	171	211	258	292	326	360	378	411	462	587	633	709	754
SCL 411	411	41.5	51.6	81.3	131	185	229	279	316	353	391	410	446	501	637	686	769	818

Final voltage 1.10 V

Batt.Type	Capacity	10 h	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 sec	5 sec	1 sec
SCL 76	76	7.60	9.50	14.8	23.4	32.3	38.2	44.8	50.5	56.2	61.8	64.3	69.3	79.0	101	109	118	128
SCL 89	89	8.90	11.1	17.3	27.4	37.8	44.7	52.5	59.2	65.9	72.4	75.2	81.1	92.6	118	127	138	147
SCL 102	102	10.2	12.7	19.8	31.4	43.3	51.2	60.2	67.8	75.5	83.0	86.2	93.0	106	136	146	158	166
SCL 128	128	12.8	15.9	24.9	39.4	54.3	64.3	75.5	85.1	94.7	104	108	117	133	170	183	198	202
SCL 157	157	15.7	19.5	30.5	48.3	66.6	78.8	92.6	104	116	128	133	143	163	209	225	243	246
SCL 189	189	18.9	23.5	36.8	58.2	80.2	94.9	112	126	140	154	160	172	197	251	270	293	297
SCL 221	221	22.1	27.5	43.0	68.0	93.8	111	130	147	164	180	187	201	230	294	316	343	347
SCL 252	252	25.2	31.4	49.0	77.6	107	127	149	168	186	205	213	230	262	335	360	391	396
SCL 284	284	28.4	35.3	55.2	87.4	121	143	168	189	210	231	240	259	295	378	406	440	446
SCL 316	316	31.6	39.3	61.4	97.3	134	159	186	210	234	257	267	288	329	420	452	490	496
SCL 347	347	34.7	43.2	67.5	107.0	147	174	205	231	257	282	293	316	361	462	496	538	545
SCL 379	379	37.9	47.2	73.7	117.0	161	190	224	252	280	308	320	345	394	504	542	587	595
SCL 411	411	41.1	51.1	79.9	126	174	206	242	273	304	334	348	375	427	547	588	637	645

Final voltage 1.14 V

Batt.Type	Capacity	10 h	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 sec	5 sec	1 sec
SCL 76	76	7.40	9.20	14.4	22.5	28.9	33.1	38.8	43.3	47.9	52.9	54.9	58.7	67.0	86.6	94.2	101	107
SCL 89	89	8.70	10.8	16.8	26.4	33.8	38.8	45.4	50.7	56.1	61.9	64.3	68.8	78.5	101	110	118	123
SCL 102	102	10.0	12.4	19.3	30.3	38.8	44.4	52.0	58.1	64.3	71.0	73.6	78.8	90.0	116	126	136	139
SCL 128	128	12.5	15.5	24.2	38.0	48.6	55.8	65.3	73.0	80.6	89.1	92.4	98.9	113	146	159	170	173
SCL 157	157	15.4	19.0	29.7	46.6	59.7	68.4	80.1	89.5	98.9	109	113	121	138	179	195	209	212
SCL 189	189	18.5	22.9	35.7	56.1	71.8	82.3	96.4	108	119	132	136	146	167	215	234	251	255
SCL 221	221	21.7	26.8	41.7	65.6	84.0	96.3	113	126	139	154	160	171	195	252	274	294	298
SCL 252	252	24.7	30.5	47.6	74.8	95.8	110	129	144	159	175	182	195	222	287	312	335	340
SCL 284	284	27.8	34.4	53.6	84.3	108	124	145	162	179	198	205	219	250	324	352	378	383
SCL 316	316	31.0	38.3	59.7	93.7	120	138	161	180	199	220	228	244	279	360	392	420	427
SCL 347	347	34.0	42.0	65.5	103	132	151	177	198	219	241	251	268	306	396	430	462	468
SCL 379	379	37.1	45.9	71.6	112	144	165	193	216	239	264	274	293	334	432	470	504	512
SCL 411	411	40.3	49.8	77.6	122	156	179	210	234	259	286	297	318	363	469	510	547	555



SAFT

SCH Cells

Performance fully charged with constant current charging to IEC 60623 standard

Final voltage 1.00 V

Batt.Type	Capacity	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 ec	15 sec	5 sec	1 sec
SCH 11	11	1.38	2.20	3.52	5.06	6.53	9.46	12.0	16.7	22.1	25.5	30.4	38.3	55.0	61.6	68.2	77.0	90.2
SCH 14	14	1.75	2.80	4.48	6.44	8.31	12.0	15.3	21.3	28.1	32.5	38.6	48.7	70.0	78.4	86.8	98.0	115
SCH 18	18	2.25	3.60	5.76	8.28	10.7	15.4	19.7	27.4	36.1	41.8	49.6	62.6	90.0	101	112	126	148
SCH 22	22	2.75	4.40	7.04	10.1	13.1	18.9	24.1	33.4	44.2	51.0	60.7	76.6	110	123	136	154	180
SCH 26	26	3.25	5.20	8.34	11.9	15.4	22.3	28.4	39.5	52.2	60.3	71.7	90.2	130	145	161	182	213
SCH 34	34	4.25	6.80	10.9	15.6	20.2	29.2	37.2	51.7	68.3	78.9	93.8	118	170	190	211	238	279
SCH 38	38	4.75	7.60	12.2	17.5	22.5	32.7	41.5	57.8	76.4	88.2	105	132	190	213	236	266	312
SCH 46	46	5.75	9.20	14.7	21.1	27.3	39.5	50.3	69.9	92.4	107	127	160	230	257	285	322	377
SCH 50	50	6.25	10.0	16.0	23.0	29.7	43.0	54.7	76.0	101	116	138	174	250	280	310	350	410
SCH 58	58	7.25	11.6	18.8	27.3	35.6	52.2	68.0	98.7	132	156	184	222	331	365	400	441	493
SCH 67	67	8.38	13.4	21.7	31.5	41.1	60.3	78.6	114	153	180	213	257	382	422	462	509	570
SCH 85	85	10.6	17.0	27.5	40.0	52.1	76.5	99.7	145	194	228	270	326	485	536	587	646	723
SCH 93	93	11.6	18.6	30.1	43.8	57.0	83.7	109	159	212	249	295	357	531	586	642	707	791
SCH 102	102	12.8	20.4	33.0	47.9	62.6	91.8	120	173	233	273	324	392	581	643	704	775	867
SCH 111	111	13.9	22.2	35.9	52.1	68.1	99.9	130	188	254	297	353	427	632	700	766	843	944
SCH 128	128	16.0	25.6	41.4	60.2	78.5	115	150	218	292	343	407	492	730	806	883	973	1088
SCH 137	137	17.1	27.4	44.3	64.4	84.0	123	161	233	313	367	436	527	781	863	945	1041	1165
SCH 147	147	18.4	29.4	47.5	69.1	89.2	129	167	235	313	365	432	564	764	838	926	1044	1176
SCH 168	168	21.0	33.6	54.3	79.0	102	147	190	269	358	417	494	645	873	958	1058	1193	1344
SCH 190	190	23.8	38.0	61.4	89.3	115	167	215	304	405	471	559	730	988	1083	1197	1349	1520
SCH 211	211	26.4	42.2	68.2	99.2	128	186	239	338	449	523	620	810	1097	1203	1329	1498	1688
SCH 244	244	30.5	48.8	78.9	115	148	215	277	390	520	605	717	937	1269	1391	1537	1732	1952
SCH 254	254	31.8	50.8	82.1	119	154	224	288	406	541	630	747	975	1321	1448	1600	1803	2032
SCH 265	265	33.1	53.0	85.7	125	161	233	300	424	564	657	779	1018	1378	1511	1670	1882	2120

Final voltage 1.05 V

Batt.Type	Capacity	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 ec	15 sec	5 sec	1 sec
SCH 11	11	1.36	2.18	3.48	5.01	6.53	9.35	11.7	15.4	19.5	22.4	25.7	31.7	48.4	53.9	59.4	67.1	78.1
SCH 14	14	1.74	2.77	4.43	6.37	8.31	11.9	14.9	19.6	24.8	28.6	32.8	40.3	61.6	68.6	75.6	85.4	99.4
SCH 18	18	2.24	3.56	5.70	8.19	10.7	15.3	19.2	25.2	31.9	36.8	42.2	51.8	79.2	88.2	97.2	110	128
SCH 22	22	2.73	4.36	6.97	10.0	13.1	18.7	23.5	30.8	38.9	44.9	51.5	63.4	96.8	108	119	134	156
SCH 26	26	3.23	5.15	8.26	11.9	15.4	22.1	27.8	36.4	46.0	53.1	60.9	74.9	115	128	141	158	184
SCH 34	34	4.22	6.73	10.8	15.5	20.2	28.9	36.3	47.6	60.2	69.4	79.6	97.9	150	167	184	207	241
SCH 38	38	4.71	7.52	12.0	17.3	22.5	32.3	40.5	53.2	67.3	77.5	88.9	109	167	186	205	232	270
SCH 46	46	5.71	9.11	14.6	21.0	27.3	39.1	49.1	64.4	81.4	93.9	108	132	203	226	249	280	326
SCH 50	50	6.20	9.90	15.8	22.8	29.7	42.5	53.3	70.0	88.5	102	117	144	220	245	270	305	355
SCH 58	58	7.19	11.5	18.5	27.3	35.6	51.6	65.7	91.8	119	137	157	195	284	319	342	383	429
SCH 67	67	8.31	13.3	21.4	31.5	41.1	59.6	75.9	106	137	158	181	225	328	369	395	442	496
SCH 85	85	10.5	16.8	27.2	40.0	52.1	75.7	96.3	134	173	201	230	286	417	468	502	561	629
SCH 93	93	11.5	18.4	29.8	43.8	57.0	82.8	105	147	189	220	252	313	456	512	549	614	688
SCH 102	102	12.6	20.2	32.6	47.9	62.6	90.8	116	161	208	241	275	343	500	561	602	673	755
SCH 111	111	13.7	22.0	35.5	52.1	68.1	98.8	126	175	226	262	299	373	544	611	655	732	822
SCH 128	128	15.9	25.3	41.0	60.2	78.5	114	145	202	261	302	346	430	627	704	755	845	947
SCH 137	137	17.0	27.1	43.9	64.4	84.0	122	155	216	279	323	370	460	671	754	808	904	1014
SCH 147	147	18.2	29.1	47.0	68.4	88.2	128	161	218	278	318	370	459	662	735	794	897	1029
SCH 168	168	20.8	33.3	53.7	78.2	101	146	184	249	318	363	423	525	757	840	907	1025	1176
SCH 190	190	23.6	37.6	60.8	88.4	114	165	208	281	359	410	479	593	855	950	1026	1159	1330
SCH 211	211	26.2	41.8	67.5	98.1	127	184	231	312	399	456	532	658	950	1055	1139	1287	1477
SCH 244	244	30.3	48.3	78.1	114	146	212	267	361	461	527	615	761	1098	1220	1318	1488	1708
SCH 254	254	31.5	50.3	81.3	118	152	221	278	376	480	549	640	792	1143	1270	1372	1549	1778
SCH 265	265	32.9	52.5	84.8	123	159	231	290	392	501	572	668	827	1193	1325	1431	1617	1855



SCH Cells

Performance fully charged with constant current charging to IEC 60623 standard

Final voltage 1.10 V

Batt.Type	Capacity	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 ec	15 sec	5 sec	1 sec
SCH 11	11	1.33	2.16	3.45	4.95	6.31	8.80	10.9	13.6	16.5	18.0	21.1	25.1	40.7	45.1	49.5	57.2	64.9
SCH 14	14	1.69	2.74	4.39	6.30	8.03	11.2	13.8	17.4	21.0	23.0	26.9	31.9	51.8	57.4	63.0	72.8	82.6
SCH 18	18	2.17	3.52	5.64	8.10	10.3	14.4	17.7	22.4	27.0	29.6	34.6	41.0	66.6	73.8	81.0	93.6	106
SCH 22	22	2.66	4.31	6.89	9.90	12.6	17.6	21.7	27.3	33.0	36.1	42.2	50.2	81.4	90.2	99.0	114	130
SCH 26	26	3.14	5.09	8.18	11.7	14.9	20.8	25.6	32.3	39.0	42.7	49.9	59.3	96.4	106	117	135	154
SCH 34	34	4.11	6.66	10.7	15.3	19.5	27.2	33.5	42.2	51.0	55.8	65.3	77.5	126	139	153	177	201
SCH 38	38	4.60	7.45	11.9	17.1	21.8	30.4	37.5	47.1	57.0	62.3	73.0	86.6	141	156	171	198	224
SCH 46	46	5.56	9.01	14.5	20.7	26.4	36.8	45.3	57.1	69.0	75.5	88.3	105	170	188	207	239	272
SCH 50	50	6.05	9.80	15.7	22.5	28.7	40.0	49.3	62.0	75.0	82.0	96.0	114	185	205	225	260	295
SCH 58	58	7.02	11.3	18.5	26.7	34.8	49.9	61.9	78.9	97.8	112	129	153	243	267	296	325	359
SCH 67	67	8.11	13.0	21.4	30.8	40.2	57.6	71.5	91.1	113	129	149	177	281	308	342	375	415
SCH 85	85	10.3	16.5	27.2	39.1	51.0	73.1	90.7	116	143	163	189	224	357	391	434	476	527
SCH 93	93	11.3	18.1	29.8	42.8	55.8	80.0	99.2	127	156	178	207	245	391	428	475	521	577
SCH 102	102	12.3	19.8	32.6	46.9	61.2	87.7	109	139	171	196	226	269	428	469	520	571	632
SCH 111	111	13.4	21.5	35.5	51.0	66.6	95.4	119	151	186	213	246	293	466	510	566	621	688
SCH 128	128	15.5	24.8	41.0	58.9	76.8	110	137	174	215	246	284	338	538	589	653	717	794
SCH 137	137	16.6	26.5	43.9	63.0	82.2	118	147	186	230	263	304	362	576	630	699	767	850
SCH 147	147	17.8	29.1	46.6	67.6	86.2	121	149	188	225	253	291	353	544	617	676	764	897
SCH 168	168	20.3	33.3	53.3	77.3	98.5	138	170	215	257	289	333	403	622	705	773	873	1025
SCH 190	190	23.0	37.6	60.2	87.4	111	156	193	243	291	327	376	456	703	798	874	988	1159
SCH 211	211	25.5	41.8	66.8	97.1	124	173	214	270	323	363	418	506	781	886	971	1097	1287
SCH 244	244	29.5	48.3	77.3	112	143	200	247	312	373	420	483	586	903	1025	1122	1269	1488
SCH 254	254	30.7	50.3	80.4	117	149	208	257	325	389	437	503	610	940	1067	1168	1321	1549
SCH 265	265	32.1	52.5	83.9	122	155	217	269	339	405	456	525	636	981	1113	1219	1378	1617

Final voltage 1.14 V

Batt.Type	Capacity	8 h	5 h	3 h	2 h	1,5 h	1 h	45 min	30 min	20 min	15 min	10 min	5 min	1 min	30 ec	15 sec	5 sec	1 sec
SCH 11	11	1.29	2.11	3.34	4.68	5.79	7.59	8.95	11.2	13.9	15.4	17.8	21.1	34.1	38.5	42.9	48.4	55.0
SCH 14	14	1.64	2.69	4.25	5.95	7.37	9.66	11.4	14.3	17.6	19.6	22.7	26.9	43.4	49.0	54.6	61.6	70.0
SCH 18	18	2.11	3.46	5.46	7.65	9.48	12.4	14.7	18.4	22.6	25.2	29.2	34.6	55.8	63.0	70.2	79.2	90.0
SCH 22	22	2.57	4.22	6.67	9.35	11.6	15.2	17.9	22.4	27.7	30.8	35.6	42.2	68.2	77.0	85.8	96.8	110
SCH 26	26	3.04	4.99	7.88	11.1	13.7	18.0	21.2	26.5	32.7	36.4	42.1	49.9	80.3	91.0	102	114	130
SCH 34	34	3.98	6.53	10.3	14.5	17.9	23.5	27.7	34.7	42.8	47.6	55.1	65.3	105	119	133	150	170
SCH 38	38	4.45	7.30	11.5	16.2	20.0	26.2	30.9	38.8	47.9	53.2	61.6	73.0	118	133	148	167	190
SCH 46	46	5.38	8.83	13.9	19.6	24.2	31.8	37.5	46.9	57.9	64.4	74.5	88.3	142	161	180	202	230
SCH 50	50	5.85	9.60	15.2	21.3	26.3	34.5	40.7	51.0	63.0	70.0	81.0	96.0	155	175	195	220	250
SCH 58	58	6.79	11.3	18.2	25.8	32.5	44.1	52.5	67.3	81.8	90.9	105	132	203	232	255	278	307
SCH 67	67	7.84	13.0	21.0	29.8	37.5	50.9	60.7	77.7	94.5	105	121	153	235	268	295	322	355
SCH 85	85	9.95	16.5	26.6	37.8	47.6	64.6	77.1	98.6	120	133	153	194	298	340	374	408	451
SCH 93	93	10.9	18.1	29.1	41.4	52.1	70.7	84.4	108	131	146	167	212	326	372	409	446	493
SCH 102	102	11.9	19.8	32.0	45.4	57.1	77.5	92.5	118	144	159	184	233	357	408	449	490	541
SCH 111	111	13.0	21.5	34.8	49.4	62.1	84.3	101	128	157	173	200	254	389	444	489	533	589
SCH 128	128	15.0	24.8	40.1	57.0	71.7	97.3	116	148	180	200	230	292	448	512	563	614	678
SCH 137	137	16.1	26.5	42.9	61.0	76.7	104	124	158	193	214	246	313	480	548	603	658	726
SCH 147	147	17.2	28.8	45.1	63.9	79.4	104	123	156	190	212	247	282	470	544	573	647	719
SCH 168	168	19.7	32.9	51.5	73.0	90.7	119	141	178	217	242	282	322	537	622	655	739	890
SCH 190	190	22.2	37.2	58.3	82.7	103	135	160	201	245	274	319	365	608	703	741	836	1007
SCH 211	211	24.7	41.4	64.7	91.8	114	150	177	224	272	304	354	405	675	781	823	928	1118
SCH 244	244	28.5	47.8	74.8	106	132	173	205	259	315	351	410	468	781	903	952	1074	1293
SCH 254	254	29.7	49.8	77.9	110	137	180	213	269	328	366	427	488	813	940	991	1118	1346
SCH 265	265	31.0	51.9	81.3	115	143	188	223	281	342	382	445	509	848	981	1034	1166	1405



Cell performance H range for engine starting applications

Available amperes for fully charged cells at +20°C ± 5°C

Final voltage 0.65 V		Seconds					
Batt. Type	Capacity	90	60	30	15	5	1
SCH 11	11	106	112	121	134	150	165
SCH 14	14	134	143	154	171	190	210
SCH 18	18	173	184	198	220	245	270
SCH 22	22	211	224	242	268	299	330
SCH 26	26	250	265	286	317	354	390
SCH 34	34	326	347	374	415	462	510
SCH 38	38	365	388	418	464	517	570
SCH 46	46	442	469	506	561	626	690
SCH 50	50	480	510	550	610	680	750
SCH 58	58	615	650	696	754	835	940
SCH 67	67	710	750	804	871	965	1085
SCH 85	85	901	952	1020	1105	1224	1377
SCH 93	93	986	1042	1116	1209	1339	1507
SCH 102	102	1081	1142	1224	1326	1469	1652
SCH 111	111	1177	1243	1332	1443	1598	1798
SCH 128	128	1357	1434	1536	1664	1843	2074
SCH 137	137	1452	1534	1644	1781	1973	2219
SCH 147	147	1411	1499	1617	1793	1999	2205
SCH 168	168	1613	1714	1848	2050	2285	2520
SCH 190	190	1824	1938	2090	2318	2584	2850
SCH 211	211	2026	2152	2321	2574	2870	3165
SCH 244	244	2342	2489	2684	2977	3318	3660
SCH 254	254	2438	2591	2794	3099	3454	3810
SCH 265	265	2544	2703	2915	3233	3604	3975

Final voltage 0.85 V		Seconds					
Batt. Type	Capacity	90	60	30	15	5	1
SCH 11	11	74.8	81.4	88	96.8	108	121
SCH 14	14	95.2	104	112	123	137	154
SCH 18	18	122	133	144	158	176	198
SCH 22	22	150	163	176	194	216	242
SCH 26	26	177	192	208	229	255	286
SCH 34	34	231	252	272	299	333	374
SCH 38	38	258	281	304	334	372	418
SCH 46	46	313	340	368	405	451	506
SCH 50	50	340	370	400	440	490	550
SCH 58	58	441	464	510	545	603	684
SCH 67	67	509	536	590	630	697	791
SCH 85	85	646	680	748	799	884	1003
SCH 93	93	707	744	818	874	967	1097
SCH 102	102	775	816	898	959	1061	1204
SCH 111	111	844	888	977	1043	1154	1310
SCH 128	128	973	1024	1126	1203	1331	1510
SCH 137	137	1041	1096	1206	1288	1425	1617
SCH 147	147	1000	1088	1176	1294	1441	1617
SCH 168	168	1142	1243	1344	1478	1646	1848
SCH 190	190	1292	1406	1520	1672	1862	2090
SCH 211	211	1435	1561	1688	1857	2068	2321
SCH 244	244	1659	1806	1952	2147	2391	2684
SCH 254	254	1727	1880	2032	2235	2489	2794
SCH 265	265	1802	1961	2120	2332	2597	2915