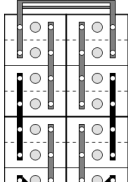


SBLE 365 - Cell data sheet

Classification

Brand	Saft	Wiring principle	Normal
Cell type	SBLE 365 (Inactive)		
Cell P/N	311031771		
Capacity at 5 hours rate	365 Ah		
IEC Designation	KL365P		
According to	IEC 60623		

Physical data

Overall height	411 mm		
Cell height	406 mm		
Width	195 mm	Weight per cell	16.5 Kg
Block length - 2 cells	253 mm	Block length - 3 cells	373 mm

Construction

Container material	Polypropylene	No. of terminals/polarity	2
Separator type	Grid	Terminal material	Steel
Connection torque	30.0 +/- 3.0 Nm	Vent type	Flame arresting vent (large)
Terminal size	M10 SW 16 mm	Handle	Yes

Plates

Positive		Negative	
Type of plates	Pocket	Type of plates	Pocket

Electrolyte

Electrolyte type: Renewal	E13	Max/Min	50 mm
Electrolyte type: Initial	E22	Vent oil quantity	50 cm ³
Electrolyte per cell: Liquid	4.3 liters		

Connection

Cable area of internal connection cables	35 mm ²	End-lug (and external cable)	35 mm ²
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SBLE 365 - Cell data sheet

Charging

Float voltage	1.42 V/Cell	High rate voltage (recommended)	1.47 V/Cell
Single-level voltage	1.43 V/Cell		

Resistance/Short circuit

Internal resistance	0.45 mOhm	Short circuit current	3036 A
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Performance data

Current discharge

After prolonged float charge of fully charged cells. Available amperes at +20°C +/- 5°C (+68°F +/- 9°F)

V/Cell	10h	8h	5h	3h	2h	1.5h	1h	30m	20m	15m	10m	5m	1m	30s	5s	1s
1	37.6	46.5	73.0	117	156	188	240	310	348	373	401	460	511	547	657	706
1.05	37.3	46.3	72.2	113	141	161	201	262	290	301	334	381	411	449	540	586
1.1	36.5	44.8	68.7	95.2	120	138	163	204	221	242	266	280	335	365	444	487
1.14	35.7	42.0	60.5	82.5	99.0	110	126	162	173	180	202	235	273	298	371	411
1.16	33.5	38.4	52.3	70.9	84.5	91.4	104	136	151	163	179	214	249	272	339	375

Power discharge

Available power (W), after prolonged float charged of fully charged cells at +20°C +/- 5°C (+68°F +/- 9°F)

V/Cell	10h	8h	5h	3h	2h	1.5h	1h	30m	20m	15m	10m	5m	1m	30s	5s	1s
1	43.6	53.1	81.6	125	163	194	246	313	350	375	402	460	511	547	657	706
1.05	43.4	53.4	82.0	125	153	173	214	277	306	317	351	400	432	472	567	615
1.1	42.7	52.0	79.3	108	134	154	180	226	243	267	293	308	368	402	489	536
1.14	41.9	49.3	70.6	95.5	114	126	145	185	198	205	230	268	311	340	423	469
1.16	39.4	45.1	61.5	82.8	98.5	106	121	158	176	190	208	249	289	316	393	435



SBLE 365 - Cell data sheet

Kt Factor

Current discharge

After prolonged float charge of fully charged cells. Kt factor at +20°C +/- 5°C (+68°F +/- 9°F)

V/Cell	10h	8h	5h	3h	2h	1.5h	1h	30m	20m	15m	10m	5m	1m	30s	5s	1s
1	9.7	7.85	5.00	3.12	2.34	1.95	1.52	1.18	1.05	0.98	0.91	0.79	0.71	0.67	0.56	0.52
1.05	9.8	7.88	5.05	3.23	2.58	2.26	1.81	1.39	1.26	1.21	1.09	0.96	0.89	0.81	0.68	0.62
1.1	10.0	8.16	5.31	3.83	3.05	2.65	2.25	1.79	1.66	1.51	1.37	1.31	1.09	1.00	0.82	0.75
1.14	10.2	8.68	6.04	4.42	3.69	3.33	2.89	2.26	2.11	2.03	1.81	1.55	1.34	1.22	0.98	0.89
1.16	10.9	9.5	6.98	5.15	4.32	3.99	3.52	2.69	2.41	2.23	2.04	1.70	1.47	1.34	1.08	0.97

Power discharge

Kt factor power, after prolonged float charged of fully charged cells at +20°C +/- 5°C (+68°F +/- 9°F)

V/Cell	10h	8h	5h	3h	2h	1.5h	1h	30m	20m	15m	10m	5m	1m	30s	5s	1s
1	8.38	6.87	4.47	2.92	2.24	1.88	1.49	1.17	1.04	0.97	0.91	0.79	0.71	0.67	0.56	0.52
1.05	8.41	6.83	4.45	2.93	2.38	2.11	1.70	1.32	1.19	1.15	1.04	0.91	0.85	0.77	0.64	0.59
1.1	8.55	7.01	4.60	3.39	2.72	2.37	2.02	1.62	1.50	1.37	1.24	1.19	0.99	0.91	0.75	0.68
1.14	8.71	7.41	5.17	3.82	3.20	2.90	2.52	1.98	1.85	1.78	1.58	1.36	1.17	1.07	0.86	0.78
1.16	9.27	8.09	5.94	4.41	3.71	3.43	3.03	2.31	2.08	1.93	1.76	1.47	1.26	1.16	0.93	0.84

