

Understanding the technology of Power



SUNNYWAY®

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Unlimited power
SUNNYWAY
Battery



SUNNYWAY®

SHENZHEN SUNNYWAY BATTERY TECH CO.,LTD.



Sealed Lead Acid AGM & GEL Batteries



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<http://www.sunnyway-battery.com>



Unlimited Power

COMPANY HISTORY



- 1997, Established in shenzhen, and in 1999, Turnover reached USD 1 millions.
- 2000, Turnover USD 2.5 millions and established the plate factory in Heyuan city and began producing plate.
- 2003, Turnover USD 18 millions and workshop 15000m².
- 2005, Bought 100000m² land and increased the plate production capacity to 3000tons/m-onth. Turnover reach USD 40 millions.
- 2009, Turnover 60 millions, become the stable supplier of Chinese Mobile, SAMSUNG etc.
- 2012, Expand New factory in Dongying, Shandong Province, workshop 45000m².
- 2016, Turnover USD 90 millions. The next 5 years, our turnover will increase about 10% ~ 20% every year.
- 2018, become the strategic partner of EAST. Set up a new factory in GaoYou, New factory annual output is 70 millions. 2019, Turnover is USD 100 millions.

Unlimited power



Strategic Partners



Strategic Partners

SUNNYWAY®



Lead power production



Casting production



Plate continuous production line



Plate curing

EQUIPMENT



Acid injection



- Auto assembly line -



QC laboratory

Battery Range

- General Battery
- Gel Battery
- Deep Cycle Battery
- Solar & Wind Power Battery
- High Rate Battery
- Front Terminal battery
- Stationary Battery
- Electric Vehicle & Golf Car Battery



General Battery



FEATURES:

- Low self-discharge
- Safe and reliable
- Widely operating temperature range (-40°C/-40°F to 65°C/149°F)
- Low floating current
- High consistency
- No memory effect
- Long life
- Flame-retardant ABS plastic case and cover compliant with UL-94V0

STANDARDS:

- IEC61056-1/2:2002
- GB/T 19639.1 - 2005
- JIS C8702-1/2:2009
- EUROBAT GUIDE
- Installation compliant with EN50272-2

1. General Battery

1.1 Designed floating service life 5 years at 25°C /77°F

Model	Nominal Voltage (V)	Nominal Capacity C20(1.75V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW435	4	3.5	90	3.54	34	1.34	59	2.32	65	2.56	0.41	0.90	T0
SW440	4	4.0	48	1.89	47	1.85	101	3.98	106	4.17	0.48	1.06	T1
SW445	4	4.5	48	1.89	47	1.85	101	3.98	106	4.17	0.51	1.12	T1
SW4100	4	10.0	102	4.02	44	1.73	95	3.74	101	3.98	1.06	2.33	T1
SW4100	4	12.0	102	4.02	44	1.73	95	3.74	101	3.98	1.15	2.53	T1
SW610(I)	6	1.0	51	2.01	42	1.65	51	2.01	56	2.20	0.25	0.55	T0
SW610(II)	6	1.0	98	3.86	25	0.98	52	2.05	56	2.20	0.25	0.55	T0
SW613	6	1.3	98	3.86	25	0.98	52	2.05	56	2.20	0.30	0.66	T0
SW623	6	2.3	43	1.69	37	1.46	75	2.95	75	2.95	0.32	0.70	T27
SW628	6	2.8	66	2.60	33	1.30	97	3.82	103	4.06	0.51	12.00	T0
SW632(I)	6	3.2	66	2.60	33	1.30	120	4.72	125	4.92	0.57	1.26	T1
SW632(II)	6	3.2	125	4.92	33	1.30	60	2.36	66	2.60	0.63	1.39	T0
SW633	6	3.3	134	5.28	34	1.34	60	2.36	66	2.60	0.63	1.39	T0
SW635	6	3.5	70	2.76	48	1.89	101	3.98	106	4.17	0.63	1.39	T0
SW636	6	3.6	134	5.28	34	1.34	60	2.36	66	2.60	0.65	1.43	T0
SW640(I)	6	4.0	70	2.76	48	1.89	101	3.98	106	4.17	0.67	1.48	T1
SW640(II)	6	4.0	70	2.76	48	1.89	101	3.98	106	4.17	0.71	1.56	T1
SW640(III)	6	4.0	194.5	7.66	25.3	1.00	62	2.44	62	2.44	0.70	1.54	T1
SW645(I)	6	4.5	70	2.76	48	1.89	101	3.98	106	4.17	0.77	1.70	T1
SW645(II)	6	4.5	70	2.76	48	1.89	101	3.98	106	4.17	0.75	1.65	T1
SW645(III)	6	4.5	70	2.76	48	1.89	101	3.98	106	4.17	0.73	1.61	T1
SW645(IV)	6	4.5	70	2.76	49	1.93	102	4.02	107	4.21	0.75	1.65	T2
SW650(I)	6	5.0	70	2.76	48	1.89	101	3.98	106	4.17	0.77	1.70	T1/T2
SW650(II)	6	5.0	70	2.76	48	1.89	101	3.98	106	4.17	0.80	1.76	T1
SW650(III)	6	5.0	70	2.76	48	1.89	101	3.98	106	4.17	0.85	1.87	T1
SW650(IV)	6	5.0	67	2.64	67	2.64	96	3.78	114	4.49	0.85	1.87	T1/T38
SW650(V)	6	5.0	170	6.69	35	1.38	70	2.76	76	2.99	0.92	2.03	T1
SW660(I)	6	6.0	70	2.76	48	1.89	101	3.98	106	4.17	0.84	1.85	T1/T2
SW660(II)	6	6.0	85	3.35	48	1.89	100	3.94	105	4.13	1.00	2.20	T1
SW670(I)	6	7.0	151	5.94	34	1.34	94	3.70	100	3.94	1.20	2.64	T1/T2
SW670(II)	6	7.0	151	5.94	34	1.34	94	3.70	100	3.94	1.07	2.36	T1/T2
SW675	6	7.5	151	5.94	34	1.34	94	3.70	100	3.94	1.15	2.53	T1/T2
SW680(I)	6	8.0	151	5.94	34	1.34	94	3.70	100	3.94	1.15	2.53	T1/T2
SW680(II)	6	8.0	151	5.94	50	1.97	94	3.70	100	3.94	1.40	3.08	T1/T2
SW680(III)	6	8.0	98	3.86	56	2.20	118	4.65	118	4.65	1.30	2.86	T1/T2
SW690(I)	6	9.0	98	3.86	56	2.20	118	4.65	118	4.65	1.40	3.08	T1/T2
SW690(II)	6	9.0	151	5.94	34	1.34	94	3.70	100	3.94	1.20	2.64	T1/T2
SW6100(I)	6	10.0	151	5.94	50	1.97	94	3.70	100	3.94	1.52	3.35	T1/T2
SW6100(II)	6	10.0	151	5.94	50	1.97	94	3.70	100	3.94	1.57	3.46	T1/T2
SW6120	6	12.0	151	5.94	50	1.97	94	3.70	100	3.94	1.70	3.74	T1/T2
SW6140(I)	6	14.0	108	4.25	70	2.76	140	5.51	140	5.51	2.30	5.07	TW10/T62
SW6140(II)	6	14.0	151	5.94	50	1.97	94	3.70	100	3.94	1.85	4.07	T0
SW832	8	3.2	68	2.68	48	1.89	91	3.58	91	3.58	0.73	1.61	T25
SW1208	12	0.8	96	3.78	25	0.98	62	2.44	62	2.44	0.34	0.75	TW9

APPLICATIONS:

- UPS(uninterruptible power supplies)
- Engine starting
- Emergency lighting
- Control equipment
- Medical equipment
- Vacuum cleaner
- Instrumentation
- Telecommunications
- Fire and security system
- Computer
- Alarm system
- Electric power switching system
- Micro Processor based office machines
- Wireless telephone
- Portable power supply
- Photovoltaic& wind power system

Model	Nominal Voltage (V)	Nominal Capacity C ₂₀ (1.75V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW1210	12	1.0	98	3.86	43	1.69	52	2.05	57	2.24	0.52	1.15	T0
SW1212/SW1213	12	1.2/1.3	98	3.86	45	1.77	50	1.97	56	2.20	0.55	1.21	T0
SW1220(I)	12	2.0	144	5.67	23	0.91	64	2.52	64	2.52	0.58	1.28	T23
SW1220(II)	12	2.0	70	2.76	48	1.89	98	3.86	103	4.06	0.77	1.70	T0
SW1220(III)	12	2.0	178	7.01	34	1.34	60	2.36	66	2.60	0.86	1.89	T0
SW1220(IV)	12	2.0	151	5.94	21	0.83	90	3.54	90	3.54	0.67	1.48	T45
SW1223(I)	12	2.3	178	7.01	34	1.34	60	2.36	66	2.60	0.90	1.98	T0
SW1223(II)	12	2.3	182	7.17	24	0.94	61	2.40	61	2.40	0.70	1.54	T23
SW1226(I)	12	2.6	103	4.06	48	1.89	70	2.76	70	2.76	0.90	1.98	T24
SW1226(II)	12	2.6	70	2.76	48	1.89	98	3.86	103	4.06	0.85	1.87	T0
SW1227	12	2.7	80	3.15	56	2.20	99	3.90	105	4.13	1.07	2.36	T0
SW1228	12	2.8	66	2.60	66	2.60	97	3.82	103	4.06	1.15	2.53	T0
SW1229	12	2.9	132	5.20	33	1.30	97	3.82	104	4.09	1.02	2.25	T0
SW1230/SW1233	12	3.0/3.3	134	5.28	66	2.60	60	2.36	66	2.60	1.24	2.73	T0
SW1235	12	3.5	90	3.54	70	2.76	101	3.98	106	4.17	1.26	2.78	T1
SW1236	12	3.6	134	5.28	66	2.60	60	2.36	66	2.60	1.31	2.89	T2
SW1240(I)	12	4.0	90	3.54	70	2.76	101	3.98	106	4.17	1.45	3.19	T1
SW1240(II)	12	4.0	194	7.64	47	1.85	70	2.76	75	2.95	1.50	3.30	T0
SW1240(III)	12	4.0	90	3.54	70	2.76	101	3.98	106	4.17	1.33	2.93	T1/T2
SW1245(I)	12	4.5	90	3.54	70	2.76	101	3.98	106	4.17	1.50	3.30	T1
SW1245(II)	12	4.5	90	3.54	70	2.76	101	3.98	106	4.17	1.48	3.26	T1
SW1245(III)	12	4.5	140	5.51	48	1.89	102	4.02	101	3.98	1.56	3.44	T1
SW1245(IV)	12	4.5	151	5.94	51	2.01	94	3.70	100	3.94	1.58	3.48	T1
SW1250(I)	12	5.0	90	3.54	70	2.76	101	3.98	106	4.17	1.60	3.52	T1
SW1250(II)	12	5.0	90	3.54	70	2.76	101	3.98	106	4.17	1.56	3.44	T1
SW1250(III)	12	5.0	90	3.54	70	2.76	101	3.98	106	4.17	1.70	3.74	T1
SW1250(IV)	12	5.0	151	5.94	51	2.01	94	3.70	100	3.94	1.70	3.74	T1
SW1250(V)	12	5.0	140	5.51	48	1.89	102	4.02	101	3.98	1.70	3.74	T43
SW1250(VI)	12	5.0	151	5.94	65	2.56	94	3.70	100	3.94	1.75	3.85	T1/T2
SW1254	12	5.4	151	5.94	51	2.01	94	3.70	100	3.94	1.75	3.85	T1
SW1256	12	5.6	151	5.94	65	2.56	94	3.70	100	3.94	1.79	3.94	T1/T2
SW1260	12	6.0	151	5.94	65	2.56	94	3.70	100	3.94	1.85	4.07	T1/T2
SW12650(I)	12	6.5	151	5.94	65	2.56	94	3.70	100	3.94	1.95	4.30	T1/T2
SW12650(II)	12	6.5	151	5.94	65	2.56	94	3.70	100	3.94	2.00	4.41	T1/T2
SW1270(I)	12	7.0	151	5.94	65	2.56	94	3.70	100	3.94	2.30	5.07	T1/T2
SW1270(II)	12	7.0	151	5.94	65	2.56	94	3.70	100	3.94	2.10	4.63	T1/T2
SW1270(III)	12	7.0	151	5.94	65	2.56	94	3.70	100	3.94	2.05	4.52	T1/T2
SW1275(I)	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.20	4.85	T1/T2
SW1275(II)	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.25	4.96	T1/T2
SW1280	12	8.0	151	5.94	65	2.56	94	3.70	100	3.94	2.33	5.13	T1/T2
SW1290(I)	12	9.0	151	5.94	65	2.56	94	3.70	100	3.94	2.40	5.29	T1/T2
SW1290(II)	12	9.0	151	5.94	65	2.56	94	3.70	100	3.94	2.65	5.84	T1/T2
SW12100(I)	12	10.0	151	5.94	98	3.86	94	3.70	100	3.94	2.70	5.95	T251
SW12100(II)	12	10.0	151	5.94	98	3.86	94	3.70	100	3.94	3.05	6.72	T251
SW12100(III)	12	10.0	151	5.94	98	3.86	94	3.70	100	3.94	3.20	7.05	T251
SW12120(I)	12	12.0	151	5.94	98	3.86	94	3.70	100	3.94	3.40	7.49	T251
SW12120(II)	12	12.0	151	5.94	98	3.86	94	3.70	100	3.94	3.60	7.93	T251

Model	Nominal Voltage (V)	Nominal Capacity C ₂₀ (1.75V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW12140	12	14.0	151	5.94	98	3.86	94	3.70	100	3.94	3.70	8.15	T251
SW12150	12	15.0	151	5.94	98	3.86	94	3.70	100	3.94	4.50	9.91	T3/T13
SW12170	12	17.0	181	7.13	77	3.03	167	6.57	167	6.57	4.90	10.79	T3/T13
SW12180(I)	12	18.0	181	7.13	77	3.03	167	6.57	167	6.57	5.30	11.67	T3/T13
SW12180(II)	12	18.0	181	7.13	77	3.03	167	6.57	167	6.57	5.10	11.23	T3/T13
SW12200(I)	12	20.0	181	7.13	77	3.03	167	6.57	167	6.57	5.40	11.89	T3/T14
SW12200(II)	12	20.0	181	7.13	77	3.03	167	6.57	167	6.57	5.80	12.78	T3/T14
SW12220(I)	12	22.0	181	7.13	77	3.03	167	6.57	167	6.57	5.90	13.00	T3/T14
SW12220(II)	12	22.0	181	7.13	77	3.03	167	6.57	167	6.57	6.10	13.44	T3/T14
SW12240	12	24.0	175	6.89	167	6.57	125	4.92	125	4.92	6.80	14.98	T4/T13
SW12260	12	26.0	175	6.89	167	6.57	125	4.92	125	4.92	7.40	14.98	T4/T13
SW12280(I)	12	28.0	175	6.89	167	6.57	125	4.92	125	4.92	7.60	17.18	T4/T13
SW12280(II)	12	28.0	175	6.89	167	6.57	125	4.92	125	4.92	8.60	17.18	T4/T13
SW12280 (Panasonic)(III)	12	28.0	165	6.50	125	4.92	175	6.89	182	7.17	8.50	18.72	T66/T16
SW12280 (Panasonic)(IV)	12	28.0	165	6.50	125	4.92	175	6.89	182	7.17	9.00	19.82	T66/T16
SW2424	24	2.4	180	7.09	73	2.87	70	2.76	70	2.76	2.30	5.07	TW10
SW2435	24	3.5	180	7.09	73	2.87	70	2.76	70	2.76	2.60	5.73	TW10
SW24180	24	18.0	169	6.65	145	5.71	185	7.28	185	7.28	11.00	24.23	TW10

1.2 Designed floating service life 10 years at 25°C /77°F

Model	Nominal Voltage (V)	Nominal Capacity C ₁₀ (1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW6360	6	36	162	6.38	88	3.46	164	6.46	170	6.69	5.90	13.0	T2
SW6420	6	42	162	6.38	88	3.46	164	6.46	170	6.69	5.90	13.0	T2
SW61000	6	100	195	7.68	170	6.69	207	8.15	210	8.27	16.50	36.3	T16
SW61000	6	100	195	7.68	170	6.69	207	8.15	210	8.27	16.50	36.3	T16
SW61050	6	105	280	11.02	128	5.04	203	7.99	203	7.99	19.00	41.9	T19
SW61200	6	120	195	7.68	170	6.69	207	8.15	210	8.27	18.60	41.0	T16
SW61500	6	150	195	7.68	170	6.69	207	8.15	210	8.27	24.50	54.0	T16
SW61800	6	180	260	10.24	180	7.09	247	9.72	250	9.84	29.00	63.9	T19
SW61800	6	180	323	12.72	178	7.01	224	8.82	229	9.02	30.00	66.1	T20
SW61900	6	190	306	12.05	169	6.65	223	8.78	228	8.98	27.50	60.6	T21
SW62000	6	200	306	12.05	169	6.65	220	8.66	227	8.94	28.50	62.8	T19
SW62250	6	225	243	9.57	188	7.40	275	10.83	275	10.83	34.50	76.0	T19
SW62250(C20HR)	6	225	260	10.24	180	7.09	247	9.72	250	9.84	29.50	65.0	T19
SW62500	6	250	298	11.73	178	7.01	345	13.58	365	14.37	41.50	91.4	T19
SW63000	6	300	298	11.73	178	7.01	345	13.58	365	14.37	45.00	99.1	T19
SW81800	8	180	260	10.24	182	7.17	295	11.61	300	11.81	38.00	83.7	T19
SW12330	12	33	196	7.72	130	5.12	163	6.42	179	7.05	9.70	21.4	T64/T16
SW12330	12	33	196	7.72	130	5.12	163	6.42	179	7.05	10.00	22.0	T64/T16
SW12350	12	35	196	7.72	130	5.12	163	6.42	179	7.05	10.30	22.7	T64/T16

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW12380	12	38	196	7.72	166	6.54	171	6.73	171	6.73	12.00	26.4	T9/T16
SW12400	12	40	196	7.72	166	6.54	171	6.73	171	6.73	12.50	27.5	T9/T16
SW12420	12	42	196	7.72	166	6.54	171	6.73	171	6.73	13.00	28.6	T9/T16
SW12440	12	44	196	7.72	166	6.54	171	6.73	171	6.73	13.20	29.1	T9/T16
SW12450	12	45	196	7.72	166	6.54	171	6.73	171	6.73	13.50	29.7	T9/T16
SW12550	12	55	230	9.06	138	5.43	208	8.19	228	8.98	16.20	35.7	T9B/T16
SW12600	12	60	260	10.24	169	6.65	208	8.19	228	8.98	20.00	44.1	T9B/T16
SW12600	12	60	240	9.45	200	7.87	199	7.83	209	8.23	20.00	44.1	T15
SW12650	12	65	350	13.78	166	6.54	179	7.05	179	7.05	20.20	44.5	T9/T16
SW12650	12	65	350	13.78	166	6.54	179	7.05	179	7.05	21.00	46.3	T9/T16
SW12700	12	70	260	10.24	169	6.65	208	8.19	228	8.98	21.50	47.4	T9B/T16
SW12700(C20HR)	12	70	350	13.78	166	6.54	179	7.05	179	7.05	21.50	47.4	T9/T16
SW12750	12	75	260	10.24	169	6.65	208	8.19	228	8.98	22.50	49.6	T9/T16
SW12800	12	80	260	10.24	169	6.65	208	8.19	228	8.98	23.30	51.3	T9/T16
SW12800(C20HR)	12	80	350	13.78	166	6.54	179	7.05	179	7.05	23.00	50.7	T9/T16
SW12800	12	80	330	12.99	172	6.77	214	8.43	237	9.33	24.50	54.0	T9/T16
SW12850	12	85	330	12.99	172	6.77	214	8.43	237	9.33	25.50	56.2	T9/T16
SW12900	12	90	307	12.09	169	6.65	208	8.19	208	8.19	27.00	59.5	T10B/T16
SW12900	12	90	331	13.03	173	6.81	213	8.39	233	9.17	27.30	60.1	T10B/T16
SW12950	12	95	331	13.03	173	6.81	213	8.39	233	9.17	28.50	62.8	T10/T16
SW121000	12	100	331	13.03	173	6.81	213	8.39	233	9.17	29.50	65.0	T10/T16
SW121000	12	100	407	16.02	174	6.85	209	8.23	233	9.17	30.50	67.2	T11/T16
SW121100	12	110	331	13.03	173	6.81	213	8.39	233	9.17	32.00	70.5	T10/T16
SW121200	12	120	407	16.02	174	6.85	209	8.23	233	9.17	35.00	77.1	T11/T16
SW121200	12	120	409	16.10	177	6.97	225	8.86	225	8.86	35.00	77.1	T11/T16
SW121340	12	134	341	13.43	173	6.81	281	11.06	287	11.30	41.50	91.4	T19
SW121500	12	150	484	19.06	171	6.73	241	9.49	241	9.49	42.50	93.6	T11/T50
SW121500	12	150	484	19.06	171	6.73	241	9.49	241	9.49	44.50	98.0	T11/T50
SW121600	12	160	530	20.87	209	8.23	214	8.43	234	9.21	49.00	107.9	T11/T19
SW121800	12	180	530	20.87	209	8.23	214	8.43	234	9.21	53.00	116.7	T11/T19
SW122000	12	200	522	20.55	240	9.45	216	8.50	236	9.29	59.50	131.1	T11/T19
SW122000	12	200	522	20.55	240	9.45	216	8.50	236	9.29	62.00	136.6	T11/T19
SW122300	12	230	520	20.47	268	10.55	220	8.66	240	9.45	66.00	145.4	T12/T19
SW122500	12	250	520	20.47	268	10.55	220	8.66	240	9.45	70.00	154.2	T12/T19

1.3 Designed floating service life 15 years at 25°C /77°F

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW2500	2	50	160	6.30	49	1.93	166	6.54	176	6.93	3.20	7.0	T16
SW21000	2	100	171	6.73	71	2.80	207	8.15	227	8.94	5.70	12.6	T16
SW21500	2	150	172	6.77	102	4.02	207	8.15	227	8.94	8.50	18.7	T14
SW21700	2	170	173	6.81	85	3.35	361	14.21	370	14.57	14.00	30.8	T36
SW22000	2	200	172	6.77	111	4.37	330	12.99	356	14.02	12.60	27.8	T20
SW22000	2	200	171	6.73	151	5.94	330	12.99	356	14.02	12.60	28	T20
SW22000	2	200	172	6.77	111	4.37	330	12.99	356	14.02	13.60	30.0	T20
SW22500	2	250	206	8.11	125	4.92	355	13.98	386	15.20	18	39.6	T37
SW22500	2	250	171	6.73	151	5.94	330	12.99	356	14.02	17.00	37	T37
SW23000	2	300	171	6.73	151	5.94	330	12.99	356	14.02	18.50	41	T20
SW23000	2	300	171	6.73	151	5.94	330	12.99	356	14.02	19.70	43	T20
SW23500	2	350	206	8.11	125	4.92	471	18.54	501	19.72	25	55.1	T37
SW23500	2	350	211	8.31	176	6.93	330	12.99	367	14.45	23.50	51.8	T20
SW24000	2	400	211	8.31	176	6.93	330	12.99	367	14.45	26.80	59.0	T20
SW24000	2	400	211	8.31	176	6.93	330	12.99	367	14.45	25.00	55.1	T20
SW24200	2	420	206	8.11	145	5.71	471	18.54	501	19.72	28.00	61.7	T37
SW24500	2	450	211	8.31	176	6.93	330	12.99	367	14.45	26.50	58.4	T20
SW24500	2	450	242	9.53	172	6.77	331	13.03	356	14.02	28.50	62.8	T20
SW25000	2	500	242	9.53	172	6.77	331	13.03	356	14.02	32.30	71.1	T20
SW25000	2	500	242	9.53	172	6.77	331	13.03	356	14.02	30.00	66.1	T20
SW2V550Ah(railway)	2	550	223	8.78	187	7.36	365	14.37	370	14.57	38.50	84.8	T36
SW26000	2	600	301	11.85	175	6.89	331	13.03	356	14.02	39.50	87.0	T20
SW26000	2	600	301	11.85	175	6.89	331	13.03	356	14.02	36.50	80.4	T20
SW27000	2	700	301	11.85	175	6.89	331	13.03	356	14.02	40.00	88.1	T20
SW27000	2	700	411	16.18	175	6.89	330	12.99	356	14.02	46.50	102	T20
SW27500	2	750	411	16.18	175	6.89	330	12.99	356	14.02	48.50	107	T20
SW28000	2	800	411	16.18	175	6.89	330	12.99	356	14.02	53.00	117	T20
SW28000	2	800	411	16.18	175	6.89	330	12.99	356	14.02	50.00	110	T20
SW210000	2	1000	475	18.70	175	6.89	330	12.99	356	14.02	61.50	135	T20
SW210000	2	1000	475	18.70	175	6.89	330	12.99	356	14.02	64.00	141	T20
SW212500	2	1250	401	15.79	351	13.82	342	13.46	369	14.53	87.50	192.7	T20
SW215000	2	1500	401	15.79	351	13.82	342	13.46	369	14.53	100.00	220.3	T20
SW215000	2	1500	401	15.79	351	13.82	342	13.46	369	14.53	92.00	202.6	T20
SW217500	2	1750	491	19.33	351	13.82	344	13.54	369	14.53	116.00	255.5	T20
SW220000	2	2000	491	19.33	351	13.82	344	13.54	369	14.53	131.00	288.5	T20
SW220000	2	2000	491	19.33	351	13.82	344	13.54	369	14.53	122.00	268.7	T20
SW225000	2	2500	712	28.03	353	13.90	343	13.50	369	14.53	165.00	363.4	T20
SW230000	2	3000	712	28.03	353	13.90	343	13.50	369	14.53	196.00	431.7	T20
SW230000	2	3000	712	28.03	353	13.90	343	13.50	369	14.53	181.00	398.7	T20

GEL Battery



FEATURES:

- High reliability and stable quality
- Long deep cycle life
- High charge acceptance
- Unique structure design
- Extremely low self-discharge
- High performance-price ratio

APPLICATIONS:

- UPS(uninterruptible power supplies)
- Engine starting
- Emergency lighting
- Control equipment
- Medical equipment
- Vacuum cleaner
- Instrumentation
- Telecommunications
- Fire and security system
- Computer
- Alarm system
- Marine equipment
- Electric power switching system
- Microprocessor based office machines
- Wireless telephone
- Portable power supply
- Photovoltaic&solar&wind power system

STANDARDS:

- IEC 60896-21/22:2004
- DIN43539-T5 1984
- IEC 61427-2005
- YD/T1360-2005
- GB/T 22473-2008

2. GEL Battery

Designed floating life at 25 °C/77°F : 12V,10 ~12 years; 2V, 15~18 years

Model	Nominal Voltage (V)	Nominal Capacity C ₁₀ (1.80V/Cell) (Ah)	External Dimension								Weight		Termiant Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SWG12280/C20	12	28	175	6.9	166	6.5	125	4.9	125	4.9	9.00	19.8	T4/T13
SWG12310	12	31	196	7.7	131	5.2	155	6.1	175	6.9	10.00	22.0	T64/T16
SWG12400	12	40	196	7.7	166	6.5	171	6.7	171	6.7	13.80	30.4	T9/T16
SWG12500	12	50	230	9.1	138	5.4	208	8.2	228	9.0	17.80	39.2	T9/T16
SWG12600	12	60	350	13.8	166	6.5	179	7.0	179	7.0	22.80	50.2	T9/T16
SWG12650	12	65	350	13.8	166	6.5	179	7.0	179	7.0	23.00	50.7	T9/T16
SWG12700	12	70	260	10.2	169	6.7	208	8.2	228	9.0	24.50	54.0	T33/T16
SWG12800	12	80	307	12.1	169	6.7	208	8.2	228	9.0	29.00	63.9	T9/T16
SWG12900	12	90	307	12.1	169	6.7	208	8.2	228	9.0	31.20	68.7	T10/T16
SWG121000	12	100	331	13.0	173	6.8	213	8.4	233	9.2	33.00	72.7	T10/T16
SWG121200	12	120	407	16.0	174	6.9	209	8.2	233	9.2	37.00	81.5	T11/T16
SWG121330	12	133	484	19.1	171	6.7	241	9.5	241	9.5	45.00	99.1	T12/T50
SWG121500	12	150	484	19.1	171	6.7	241	9.5	241	9.5	48.00	105.7	T12/T50
SWG121600	12	160	530	20.9	209	8.2	214	8.4	244	9.6	53.50	117.8	T60/T11
SWG122000	12	200	522	20.6	240	9.4	216	8.5	236	9.3	65.00	143.2	T11/T19
SWG122350	12	235	520	20.5	268	10.6	216	8.5	236	9.3	75.50	166.3	T11/T19
SWG122500	12	250	520	20.5	268	10.6	216	8.5	236	9.3	78.50	172.9	T11/T19
SWG2500	2	50	160	6.3	49	1.9	166	6.5	176	6.9	3.20	7.0	T16
SWG21000	2	100	171	6.7	72	2.8	206	8.1	227	10.8	6.40	14.1	T16
SWG21500	2	150	172	6.8	102	4.0	206	8.1	227	8.9	9.00	18.7	T60
SWG22000	2	200	172	6.8	111	4.4	330	13.0	356	14.0	14.00	30.8	T20
SWG22000	2	200	172	6.8	111	4.4	330	13.0	356	14.0	15.50	34.1	T20
SWG23000	2	300	171	6.7	151	5.9	330	13.0	356	14.0	20.50	45.2	T20
SWG23000	2	300	171	6.7	151	5.9	330	13.0	356	14.0	21.50	47.4	T20
SWG24000	2	400	211	8.3	176	6.9	330	13.0	367	14.5	27.50	60.6	T20
SWG24000	2	400	211	8.3	176	6.9	330	13.0	367	14.5	29.50	60.6	T20
SWG25000	2	500	242	9.5	172	6.8	331	13.0	356	14.0	33.50	73.8	T20
SWG26000	2	600	301	11.9	175	6.9	331	13.0	356	14.0	41.00	90.3	T20
SWG28000	2	800	411	16.2	175	6.9	330	13.0	356	14.0	55.00	121.1	T20
SWG210000	2	1000	475	18.7	175	6.9	330	13.0	356	14.0	66.50	146.5	T20
SWG215000	2	1500	401	15.8	351	13.8	342	13.5	369	14.5	103.50	228.0	T20
SWG220000	2	2000	491	19.3	351	13.8	344	13.5	369	14.5	136.00	299.6	T20
SWG230000	2	3000	712	28.0	353	13.9	343	13.5	369	14.5	203.50	448.2	T20

Deep Cycle Battery



FEATURES:

- Excellent starting performance
- Long cycle life
- Long discharge duration
- Excellent fast charge performance

APPLICATIONS:

- UPS
- Electric motorcycle
- Wheelchairs
- Electric toy
- Electric vehicle
- Electric scooter
- Solar Systems

STANDARDS:

- IEC61056-1/2:2002
- GB/T 19639.1-2005
- JIS C8702-1/2:2009
- Eurobat Guide

3. Deep Cycle Battery

3.1 Designed floating life 7 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C20(1.75V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SWE6120	6	12	151	5.94	51	2.01	94	3.70	100	3.94	1.85	4.1	T1
SWE6420	6	42	162	6.38	88	3.46	164	6.46	170	6.69	5.9	13.0	T251/T16
SWE1240	12	4	90	3.54	70	2.76	101	3.98	106	4.17	1.38	3.0	T1
SWE1250	12	5	90	3.54	70	2.76	101	3.98	106	4.17	1.7	3.7	T1
SWE1270	12	7	151	5.94	70	2.56	94	3.70	100	3.94	2.15	4.7	T1/T2
SWE1280	12	8	151	5.94	65	2.56	94	3.70	100	3.94	2.4	5.3	T2
SWE1290	12	9	151	5.94	65	2.56	94	3.70	100	3.94	2.45	5.4	T2
SWE12120	12	12	151	5.94	98	3.86	94	3.70	100	3.94	3.6	7.9	T251
SWE12140	12	14	151	5.94	98	3.86	94	3.70	100	3.94	4.1	9.0	T251
SWE12180	12	18	181	7.13	77	3.03	167	6.57	167	6.57	5.3	11.7	T3/T13
SWE12200	12	20	181	7.13	77	3.03	167	6.57	167	6.57	5.8	12.8	T3/T13
SWE12220	12	22	181	7.13	77	3.03	171	6.73	171	6.73	6.1	13.4	T3/T13
SWE12240	12	24	175	6.89	166	6.54	125	4.92	125	4.92	8	17.6	T4/T13
SWE12280	12	28	175	6.89	166	6.54	125	4.92	125	4.92	9	19.8	T4/T14

3.2 Designed floating life 12 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SWE61050	6	105	280	11.02	128	5.04	203	7.99	203	7.99	18.5	40.8	T19
SWE61200	6	120	195	7.68	170	6.69	207	8.15	212	8.35	18.5	40.8	T16
SWE61800	6	180	260	10.24	180	7.09	246	9.69	251	9.88	28.5	62.8	T19
SWE61900	6	190	306	12.05	169	6.65	223	8.78	228	8.98	27.5	60.6	T19
SWE62000	6	200	323	12.72	178	7.01	224	8.82	229	9.02	28.5	62.8	T19
SWE62250	6	225	243	9.57	188	7.40	275	10.83	275	10.83	34.5	76.1	T19
SWE12330	12	33	196	7.72	130	5.12	163	6.42	179	7.05	9.8	21.6	T16/T64
SWE12350	12	35	196	7.72	130	5.12	163	6.42	179	7.05	10	22.0	T16/T64
SWE12400	12	40	197	7.76	166	6.54	170	6.69	170	6.69	12.8	28.2	T9/T16
SWE12450	12	45	197	7.76	166	6.54	170	6.69	170	6.69	13.5	29.8	T9/T16
SWE12550	12	55	230	9.06	138	5.43	208	8.19	226	8.90	17.2	37.9	T9/T16
SWE12650	12	65	350	13.78	167	6.57	178	7.01	180	7.09	21.5	47.4	T9/T16
SWE12700	12	70	260	10.24	169	6.65	210	8.27	228	8.98	21.5	47.4	T9/T16
SWE12800	12	80	260	10.24	169	6.65	210	8.27	228	8.98	23	50.7	T9/T16
SWE12900	12	90	307	12.09	169	6.65	210	8.27	228	8.98	27	59.5	T10/T16
SWE121000	12	100	330	12.99	172	6.77	214	8.43	237	9.33	30.5	67.2	T10/T16
SWE121200	12	120	407	16.02	174	6.85	209	8.23	233	9.17	35	77.2	T10/T60
SWE121340	12	134	341	13.43	173	6.81	283	11.14	283	11.14	40	88.2	T19
SWE121500	12	150	484	19.06	171	6.73	241	9.49	241	9.49	42.5	93.7	T12/T50
SWE121600	12	160	534	21.02	207	8.15	215	8.46	239	9.41	49	108.0	T11/T16
SWE121800	12	180	534	21.02	207	8.15	215	8.46	239	9.41	51.5	113.5	T11/T16
SWE122000	12	200	522	20.55	240	9.45	216	8.50	242	9.53	60	132.3	T11/T19
SWE122300	12	230	520	20.47	268	10.55	220	8.66	249	9.80	66	145.5	T12/T19
SWE122500	12	250	520	20.47	268	10.55	220	8.66	249	9.80	70	154.3	T12/T19



3.3 2V Series, designed floating life at 25 °C/77°F: <200Ah, 10 years; ≥200Ah, 15 years

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SWE2500	2	50	160	6.30	49	1.93	166	6.54	176	6.93	3.20	7.0	T16
SWE21000	2	100	171	6.73	72	2.83	207	8.15	227	8.94	5.80	12.8	T16
SWE21500	2	150	172	6.77	102	4.02	206	8.11	227	8.94	8.50	18.7	T75
SWE21700	2	170	173	6.81	85	3.35	361	14.21	370	14.57	13.50	29.7	T36
SWE22000	2	200	172	6.77	111	4.37	330	12.99	365	14.37	13.60	30.0	T20
SWE22000	2	200	206	8.11	103	4.06	355	13.98	386	15.20	13.60	30.0	T20
SWE22500	2	250	171	6.73	151	5.94	330	12.99	356	14.02	18.20	40.1	T20
SWE22500	2	250	206	8.11	125	4.92	355	13.98	386	15.20	18.00	39.6	T37
SWE23000	2	300	171	6.73	151	5.94	330	12.99	356	14.02	19.50	43.0	T20
SWE23000	2	300	206	8.11	145	5.71	355	13.98	386	15.20	20.00	44.1	T37
SWE23500	2	350	211	8.31	176	6.93	330	12.99	356	14.02	24.50	54.0	T20
SWE23500	2	350	206	8.11	125	4.92	471	18.54	501	19.72	25.00	55.1	T37
SWE24000	2	400	211	8.31	176	6.93	330	12.99	366	14.41	26.80	59.0	T20
SWE24200	2	420	206	8.11	145	5.71	471	18.54	501	19.72	28.00	61.7	T37
SWE24500	2	450	242	9.53	172	6.77	331	13.03	356	14.02	30.00	66.1	T20
SWE25000	2	500	242	9.53	172	6.77	331	13.03	366	14.41	32.00	70.5	T20
SWE26000	2	600	301	11.85	175	6.89	331	13.03	356	14.02	39.50	87.0	T20
SWE26000	2	600	206	8.11	145	5.71	645	25.39	675	26.57	36.00	79.3	T37
SWE28000	2	800	411	16.18	175	6.89	330	12.99	366	14.41	53.00	116.7	T20
SWE210000	2	1000	475	18.70	175	6.89	330	12.99	356	14.02	64.00	141.0	T20
SWE215000	2	1500	401	15.79	351	13.82	342	13.46	369	14.53	100.00	220.3	T20
SWE220000	2	2000	491	19.33	351	13.82	344	13.54	383	15.08	131.00	288.5	T20
SWE250000	2	2500	712	28.03	353	13.90	343	13.50	383	15.08	176.00	387.7	T20
SWE230000	2	3000	712	28.03	353	13.90	343	13.50	383	15.08	196.00	431.7	T20

Solar & Wind Power Battery



4. Solar & Wind Power Battery

4.1 Designed life 5 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C ₂₀ (1.75V/Cel) (Ah)	External Dimension								Weight		Termianl Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW640E	6	4.0	70	2.76	48	1.89	101	3.98	106	4.17	0.71	1.6	T1
SW650E	6	5.0	70	2.76	48	1.89	101	3.98	106	4.17	0.76	1.7	T1
SW670E	6	7.0	151	5.94	34	1.34	94	3.70	100	3.94	1.07	2.4	T1
SWE6120E	6	12.0	151	5.94	51	2.01	94	3.70	100	3.94	1.70	3.7	T1
SW6140E	6	14.0	151	5.94	50	1.97	94	3.70	100	3.94	1.85	4.1	T1
SW6420E	6	42.0	162	6.38	88	3.46	164	6.46	170	6.69	5.90	13.0	T251/T16
SW1240E	12	4.0	90	3.54	70	2.76	101	3.98	106	4.17	1.45	3.2	T1
SW1250E	12	5.0	90	3.54	70	2.76	101	3.98	106	4.17	1.70	3.7	T1
SW1270E	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.15	4.7	T1/T2
SW1275E	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.25	5.0	T1/T2
SW1280E	12	8.0	151	5.94	65	2.56	94	3.70	100	3.94	2.38	5.2	T2
SW1290E	12	9.0	151	5.94	65	2.56	94	3.70	100	3.94	2.40	5.3	T2
SW12120E	12	12.0	151	5.94	98	3.86	94	3.70	100	3.94	3.60	7.9	T251
SW12140E	12	14.0	151	5.94	98	3.86	94	3.70	100	3.94	3.70	8.2	T251
SW12180E	12	18.0	181	7.13	77	3.03	167	6.57	167	6.57	5.30	11.7	T3/T13
SW12200E	12	20.0	181	7.13	77	3.03	167	6.57	167	6.57	5.80	12.8	T3/T13
SW12220E	12	22.0	181	7.13	77	3.03	171	6.73	171	6.73	6.10	13.4	T3/T13
SW12240E	12	24.0	175	6.89	166	6.54	125	4.92	125	4.92	7.40	16.3	T4/T13
SW12280E	12	28.0	175	6.89	166	6.54	125	4.92	125	4.92	9.00	19.8	T4/T14

4.2 Designed life 7 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C ₁₀ (1.80V/Cel) (Ah)	External Dimension								Weight		Termianl Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW61050E	6	105	280	11.02	128	5.04	203	7.99	203	7.99	18.5	40.8	T19
SW61200E	6	120	195	7.68	170	6.69	207	8.15	212	8.35	18.5	40.8	T16
SW61800E	6	180	260	10.24	180	7.09	246	9.69	251	9.88	29.0	63.9	T19
SW61900E	6	190	306	12.05	169	6.65	223	8.78	228	8.98	27.5	60.6	T19
SW62000E	6	200	323	12.72	178	7.01	224	8.82	229	9.02	28.5	62.8	T19
SW62250E	6	225	243	9.57	188	7.40	275	10.83	275	10.83	34.5	76.1	T19
SW12330E	12	33	196	7.72	130	5.12	163	6.42	179	7.05	10.0	22.0	T16/T64
SW12350E	12	35	196	7.72	130	5.12	163	6.42	179	7.05	10.2	22.5	T16/T64
SW12400E	12	40	197	7.76	166	6.54	170	6.69	170	6.69	12.5	27.6	T9/T16
SW12450E	12	45	197	7.76	166	6.54	170	6.69	170	6.69	13.5	29.8	T9/T16
SW12550E	12	55	230	9.06	138	5.43	208	8.19	226	8.90	17.2	37.9	T9/T16
SW12650E	12	65	350	13.78	167	6.57	178	7.01	180	7.09	21.0	46.3	T9/T16
SW12700E	12	70	260	10.24	169	6.65	210	8.27	228	8.98	21.5	47.4	T9/T16
SW12800E	12	80	260	10.24	169	6.65	210	8.27	228	8.98	23.0	50.7	T9/T16
SW12900E	12	90	307	12.09	169	6.65	210	8.27	228	8.98	27.0	59.5	T10/T16
SW121000E	12	100	330	12.99	172	6.77	214	8.43	237	9.33	30.5	67.2	T10/T16
SW121200E	12	120	407	16.02	174	6.85	209	8.23	233	9.17	35.0	77.2	T10/T60
SW121340E	12	134	341	13.43	173	6.81	283	11.14	283	11.14	41.0	90.4	T19
SW121500E	12	150	484	19.06	171	6.73	241	9.49	241	9.49	42.5	93.7	T12/T50
SW121600E	12	160	534	21.02	207	8.15	215	8.46	239	9.41	49.0	108.0	T11/T16
SW121800E	12	180	534	21.02	207	8.15	215	8.46	239	9.41	53.0	116.8	T11/T16
SW122000E	12	200	522	20.55	240	9.45	216	8.50	242	9.53	60.0	132.3	T11/T19
SW122300E	12	230	520	20.47	268	10.55	220	8.66	249	9.80	66.0	145.5	T12/T19
SW122500E	12	250	520	20.47	268	10.55	220	8.66	249	9.80	70.0	154.3	T12/T19

FEATURES:

- Long cycle life
- Wide operating temperature range
- High charge acceptance

APPLICATIONS:

- Telecommunications
- Power storage
- Portable power supply
- Photovoltaic & solar power system
- Wind power system

STANDARDS:

- IEC61056-1/2:2002
- GB/T 19639.1-2005
- JIS C8702-1/2:2009
- Eurobat Guide

4.3 2V series, designed life at 25 °C/77°F: <200Ah, 10 years; ≥200Ah, 12 years

Model	Nominal Voltage (V)	Nominal Capacity C ₁₀ (1.80V/Cel) (Ah)	External Dimension								Weight		Termianl Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW2500E	2	50	160	6.30	49	1.93	166	6.54	176	6.93	3.2	7.0	T16
SW21000E	2	100	171	6.73	72	2.83	207	8.15	227	8.94	5.8	12.8	T16
SW21500E	2	150	172	6.77	102	4.02	206	8.11	227	8.94	8.5	18.7	T75
SW21700E	2	170	173	6.81	85	3.35	361	14.21	370	14.57	13.5	29.7	T36
SW22000E	2	200	172	6.77	111	4.37	330	12.99	365	14.37	12.6	27.8	T20
SW22500E	2	250	171	6.73	151	5.94	330	12.99	356	14.02	17.0	37.4	T20
SW22500E	2	250	206	8.11	125	4.92	355	13.98	386	15.20	18.0	39.6	T37
SW23000E	2	300	171	6.73	151	5.94	330	12.99	356	14.02	18.5	40.7	T20
SW23000E	2	300	206	8.11	145	5.71	355	13.98	386	15.20	20.0	44.1	T37
SW23500E	2	350	211	8.31	176	6.93	330	12.99	356	14.02	23.5	51.8	T20
SW23500E	2	350	206	8.11	125	4.92	471	18.54	501	19.72	25.0	55.1	T37
SW24000E	2	400	211	8.31	176	6.93	330	12.99	366	14.41	25.0	55.1	T20
SW24200E	2	420	206	8.11	145	5.71	471	18.54	501	19.72	28.0	61.7	T37
SW24500E	2	450	242	9.53	172	6.77	331	13.03	356	14.02	28.5	62.8	T20
SW25000E	2	500	242	9.53	172	6.77	331	13.03	366	14.41	30.0	66.1	T20
SW26000E	2	600	301	11.85	175	6.89	331	13.03	356	14.02	36.5	80.4	T20
SW26000E	2	600	206	8.11	145	5.71	645	25.39	675	26.57	36.0	79.3	T37
SW28000E	2	800	411	16.18	175	6.89	330	12.99	366	14.41	50.0	110.1	T20
SW210000E	2	1000	475	18.70	175	6.89	330	12.99	356	14.02	61.5	135.5	T20
SW215000E	2	1500	401	15.79	351	13.82	342	13.46	369	14.53	92.0	202.6	T20
SW220000E	2	2000	491	19.33	351	13.82	344	13.54	383	15.08	122.0	268.7	T20
SW225000E	2	2500	712	28.03	353	13.90	343	13.50	383	15.08	165.0	363.4	T20
SW230000E	2	3000	712	28.03	353	13.90	343	13.50	383	15.08	181.0	398.7	T20

High Rate Battery



FEATURES:

- High power and high energy density
- High charge acceptance
- Low internal resistance

APPLICATIONS:

- UPS
- Computer
- Power tools
- Engine starting
- Portable power supply
- Electric power switching system

STANDARDS:

- IEC61056-1/2:2002
- GB/T 19639.1-2005
- JIS C8702-1/2:2009
- Eurobat Guide

5. High Rate Battery

Designed floating life 7 ~ 9 years at 25 °C/77°F

Model	Nominal Voltage (V)	High power rate Watt (1.67V/Cell) (15min)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SW1223W	12	23W	90	3.54	70	2.76	101	3.98	101	3.98	1.65	3.6	T1
SW1223W	12	23W	140	5.51	48	1.89	102	4.02	101	3.98	1.65	3.6	T1
SW1225W	12	25W	151	5.94	52	2.05	94	3.70	100	3.94	1.90	4.2	T1
SW1235W	12	35W	151	5.94	65	2.56	94	3.70	100	3.94	2.10	4.6	T1
SW1234W	12	34W	151	5.94	65	2.56	94	3.70	100	3.94	2.38	5.2	T1
SW1251W	12	51W	151	5.94	98	3.86	94	3.70	100	3.94	3.95	8.7	T251
SW1280W	12	80W	181	7.13	77	3.03	167	6.57	167	6.57	5.90	13.0	T3A/T13
SW12106W	12	106W	166	6.54	125	4.92	175	6.89	182	7.17	10.00	22.0	T66
SW12145W	12	145W	196	7.72	131	5.16	163	6.42	180	7.09	11.20	24.7	T16
SW12150W	12	150W	196	7.72	166	6.54	171	6.73	171	6.73	13.50	29.7	T16
SW12170W	12	170W	230	9.06	138	5.43	211	8.31	229	9.02	17.00	37.4	T16
SW12205W	12	205W	230	9.06	138	5.43	211	8.31	229	9.02	18.00	39.6	T16
SW12200W	12	200W	196	7.72	166	6.54	171	6.73	171	6.73	14.50	31.9	T16
SW12280W	12	280W	260	10.24	169	6.65	211	8.31	229	9.02	22.50	49.6	T16
SW12300W	12	300W	260	10.24	169	6.65	211	8.31	229	9.02	25.00	55.1	T16
SW12310W	12	310W	307	12.09	169	6.65	211	8.31	229	9.02	27.50	60.6	T16
SW12335W	12	335W	307	12.09	169	6.65	211	8.31	229	9.02	29.50	65.0	T16
SW12360W	12	360W	307	12.09	169	6.65	211	8.31	229	9.02	30.50	67.2	T16
SW12380W	12	380W	331	13.03	173	6.81	213	8.39	233	9.17	31.50	69.4	T85
SW12430W	12	430W	331	13.03	173	6.81	213	8.39	233	9.17	33.50	73.8	T85
SW12540W	12	540W	341	13.43	173	6.81	281	11.06	287	11.30	45.00	99.1	T85
SW12540W	12	540W	484	19.06	171	6.73	241	9.49	241	9.49	42.00	92.5	T50/T12
SW12750W	12	750W	522	20.55	240	9.45	216	8.50	221	8.70	65.00	143.2	T19
SW6620W	6	620W	323	12.72	178	7.01	224	8.82	227	8.94	29.50	65.0	T85
SW6770W	6	770W	323	12.72	178	7.01	224	8.82	227	8.94	31.50	69.4	T85

Front Terminal Battery



FEATURES:

- Long design life
- Safe and reliable
- Convenient to use and support

APPLICATIONS:

- UPS; Marine equipment
- Telecommunications
- Emergency lighting
- Fire and security system
- Electric power switching system
- Microprocessor based office machines
- Photovoltaic&solar&wind power system
- Engine starting
- Control equipment

STANDARDS:

- IEC61056-1/2:2002
- GB/T 19639.1 - 2005
- JIS C8702-1/2:2009
- EUROBAT GUIDE
- Installation compliant with EN50272-2

6. Front Terminal Battery

Designed floating life 10 ~ 12 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SWF12400	12	40	277	10.91	106	4.17	222	8.74	222	8.74	15.0	33.0	T102
SWF12550	12	55	277	10.91	106	4.17	222	8.74	222	8.74	17.0	37.4	T102
SWF12750	12	75	562	22.13	114	4.49	188	7.40	188	7.40	27.0	59.5	T102
SWF12800	12	80	394	15.51	109	4.29	285	11.22	285	11.22	28.0	61.7	T46
SWF121000	12	100	394	15.51	109	4.29	285	11.22	285	11.22	32.5	71.6	T46
SWF121050	12	105	508	20.00	110	4.33	210	8.27	227	8.94	30.5	67.2	T16
SWF121100	12	110	508	20.00	110	4.33	210	8.27	227	8.94	31.0	68.3	T16
SWF121050	12	105	394	15.51	109	4.29	285	11.22	285	11.22	33.0	72.7	T46
SWF121100	12	110	394	15.51	109	4.29	285	11.22	285	11.22	33.5	73.8	T46
SWF121200	12	120	551	21.69	109	4.29	239	9.41	239	9.41	37.0	83.7	T46
SWF121250	12	125	437	17.20	108	4.25	317	12.48	323	12.72	39.0	85.9	T46
SWF121500	12	150	437	17.20	108	4.25	317	12.48	323	12.72	44.5	85.9	T46
SWF121500	12	150	551	21.69	110	4.33	289	11.38	289	11.38	46.0	101.3	T46
SWF121500	12	150	551	21.69	110	4.33	289	11.38	289	11.38	50.0	110.1	T46
SWF121550	12	155	547	21.54	125	4.92	317	12.48	317	12.48	51.0	112.3	T 自配
SWF121800	12	180	547	21.54	125	4.92	317	12.48	317	12.48	54.0	118.9	T 自配
SWF121700	12	170	560	22.05	125	4.92	316	12.44	316	12.44	52.5	115.6	T 自配
SWF121800	12	180	560	22.05	125	4.92	316	12.44	316	12.44	54.0	118.9	T 自配
SWF121800	12	180	560	22.05	125	4.92	316	12.44	316	12.44	57.0	125.6	T 自配
SWF121800	12	180	560	22.05	125	4.92	316	12.44	316	12.44	60.0	132.2	T 自配
SWF121900	12	190	560	22.05	125	4.92	316	12.44	316	12.44	54.5	120.0	T 自配
SWF122000	12	200	560	22.05	125	4.92	316	12.44	316	12.44	56.0	123.3	T 自配



Stationary Battery



FEATURES:

- Tubular plate
- long life
- High reliability

APPLICATIONS:

- Power storage
- Telecommunication
- UPS
- Instrument
- Photovoltaic&solar&wind power system

STANDARDS:

- IEC60896-21/22:2004
- IEC61427-2005
- DIN43539-T5 1984
- DIN40742:1999
- BSEN61427-2002
- YD/T 1360-2005
- GB/T 22473-2008

7. Stationary Battery

7.1 2V OPzV sealed series, designed floating life 12~18 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
2OPzV100	2	100	103	4.06	206	8.11	355	13.98	399	15.71	13.50	29.7	2
3OPzV150	2	150	103	4.06	206	8.11	355	13.98	399	15.71	16.00	35.2	2
4OPzV200	2	200	103	4.06	206	8.11	355	13.98	399	15.71	17.50	38.5	2
5OPzV250	2	250	124	4.88	206	8.11	355	13.98	399	15.71	22.00	48.5	2
6OPzV300	2	300	145	5.71	206	8.11	355	13.98	399	15.71	24.50	54.0	2
5OPzV350	2	350	124	4.88	206	8.11	471	18.54	512	20.16	29.50	65.0	2
6OPzV420	2	420	145	5.71	206	8.11	471	18.54	512	20.16	34.00	74.9	2
7OPzV490	2	490	166	6.54	206	8.11	471	18.54	512	20.16	39.00	85.9	2
6OPzV600	2	600	145	5.71	206	8.11	647	25.47	688	27.09	47.40	104.4	2
8OPzV800	2	800	191	7.52	210	8.27	647	25.47	688	27.09	65.00	143.2	4
9OPzV900	2	900	233	9.17	210	8.27	647	25.47	688	27.09	74.50	164.1	4
10OPzV1000	2	1000	233	9.17	210	8.27	647	25.47	688	27.09	79.00	174.0	4
11OPzV1100	2	1100	275	10.83	210	8.27	647	25.47	688	27.09	84.00	185.0	4
12OPzV1200	2	1200	275	10.83	210	8.27	647	25.47	688	27.09	92.00	202.6	4
12OPzV1500	2	1500	275	10.83	210	8.27	797	31.38	838	32.99	113.00	248.9	6
16OPzV2000	2	2000	397	15.63	212	8.35	772	30.39	813	32.01	153.00	337.0	6
20OPzV2500	2	2500	487	19.17	212	8.35	772	30.39	847	33.35	193.00	425.1	6
24OPzV3000	2	3000	576	22.68	212	8.35	772	30.39	813	32.01	238.00	524.2	6

7.2 2V OPzS flooded series, designed life 12~18 years at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C10(1.80V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
2OPzS 100	2	100	103	4.06	206	8.11	353	13.90	431	16.97	8.70	19.2	2
3OPzS 150	2	150	103	4.06	206	8.11	353	13.90	431	16.97	10.60	23.3	2
4OPzS 200	2	200	103	4.06	206	8.11	353	13.90	431	16.97	13.00	28.6	2
5OPzS 250	2	250	124	4.88	206	8.11	353	13.90	431	16.97	16.00	35.2	2
6OPzS 300	2	300	145	5.71	206	8.11	353	13.90	431	16.97	17.60	38.8	2
5OPzS 350	2	350	124	4.88	206	8.11	471	18.54	547	21.54	21.00	46.3	2
6OPzS 420	2	420	145	5.71	206	8.11	471	18.54	547	21.54	24.50	54.0	2
7OPzS 490	2	490	166	6.54	206	8.11	471	18.54	547	21.54	26.00	57.3	2
6OPzS 600	2	600	145	5.71	206	8.11	646	25.43	722	28.43	33.50	73.8	2
7OPzS 700	2	700	191	7.52	210	8.27	646	25.43	722	28.43	40.00	88.1	4
8OPzS 800	2	800	191	7.52	210	8.27	646	25.43	722	28.43	44.00	96.9	4
9OPzS 900	2	900	191	7.52	210	8.27	646	25.43	722	28.43	47.50	104.6	4
10OPzS 1000	2	1000	233	9.17	210	8.27	646	25.43	722	28.43	57.20	126.0	4
12OPzS 1200	2	1200	275	10.83	210	8.27	646	25.43	722	28.43	62.00	136.6	4
12OPzS 1500	2	1500	275	10.83	210	8.27	772	30.39	847	33.35	75.00	165.2	6
16OPzS 2000	2	2000	397	15.63	212	8.35	772	30.39	847	33.35	108.00	237.9	6
20OPzS 2500	2	2500	487	19.17	212	8.35	772	30.39	847	33.35	130.00	286.3	6
24OPzS 3000	2	3000	576	22.68	212	8.35	772	30.39	847	33.35	157.00	345.8	6

Electric Vehicle & Golf Car Battery



FEATURES:

- Excellent starting performance
- Long cycle life
- Long discharge duration
- Excellent fast charge performance

APPLICATIONS:

- Electric bike
- Electric motorcycle
- Wheelchairs
- Electric toy
- Electric vehicle & Golf car
- Electric scooter
- Tourism car

STANDARDS:

- GB/T 18332.1 - 2009
- QC/T 742-2006
- IEC61982-3 2001-06
- GB/T 7403/1-2008
- GB/T 23636-2009

8. Electric Vehicle & Golf Car Battery

8.1 Electric Vehicle & Golf Car Battery (sealed), designed life 400 ~ 600 cycles at 25 °C/77°F

Model	Nominal Voltage (V)	Nominal Capacity (1.75V/Cell) (Ah)	External Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	Lbs	
			mm	inch	mm	inch	mm	inch	mm	inch			
SWE61800/C5	6	180	260	10.24	180	7.09	270	10.63	275	10.83	32.50	71.6	T20
SWE61900/C5	6	190	306	12.05	169	6.65	220	8.66	227	8.94	29.50	65.0	T19
SWE62000/C5	6	200	260	10.24	180	7.09	270	10.63	275	10.83	34.00	74.9	T20
SWE81500/C5	8	150	260	10.24	180	7.09	280	11.02	283	11.14	35.00	77.1	T19
SWE12100/C2	12	10	151	5.94	98	3.86	98	3.86	103	4.06	4.10	9.0	T251
SWE12120/C2	12	12	151	5.94	98	3.86	98	3.86	103	4.06	4.30	9.5	T73
SWE12200/C2	12	20	181	7.13	77	3.03	171	6.73	171	6.73	7.00	15.4	DT-1
SWE12300/C2	12	30	222	8.74	93	3.66	174	6.85	177	6.97	10.40	22.9	DT-1
SWE12350/C2	12	35	222	8.74	106	4.17	174	6.85	177	6.97	12.00	26.4	DT-2
SWE12400/C2	12	40	222	8.74	121	4.76	163	6.42	173	6.81	13.50	29.7	DT-2
SWE121000/C5	12	100	331	13.03	177	6.97	218.5	8.60	220	8.66	36.00	79.3	T16
SWE121200/C5	12	120	402	15.83	170	6.69	240	9.45	240	9.45	42.00	92.5	T60
SWE121500/C5	12	150	483	19.02	170	6.69	242	9.53	242	9.53	52.00	114.5	T50

8.2 Electric Vehicle & Golf Car Battery (flood), designed life 800 ~ 1000 cycles at 25°C/77°F

Model	Nominal Voltage (V)	Nominal Capacity C5(1.75V/Cell) (Ah)	External Dimension								Weight	
			Length		Width		Height		Total Height		kg	Lbs
			mm	inch	mm	inch	mm	inch	mm	inch		
SWT121200 (A+A+A)	12	140	360	14.2	172	6.8	277	10.9	297	11.7	40.00	1.57
SWT121200 (A+A)	12	130	360	14.2	172	6.8	277	10.9	297	11.7	39.00	1.54
SWT121200 (A+B)	12	120	360	14.2	172	6.8	259	10.2	279	11.0	37.00	1.46
SWT121100 (A)	12	110	360	14.2	172	6.8	259	10.2	279	11.0	35.00	1.38
SWT121000 (B)	12	95	360	14.2	172	6.8	249	9.8	269	10.6	32.00	1.26
SWT12800 (C)	12	80	360	14.2	172	6.8	235	9.3	255	10.0	29.50	1.16
SWT12850 (C2)	12	85	360	14.2	172	6.8	249	9.8	279	11.0	31.00	1.22
SWT61500	6	150	260	10.2	182	7.2	286	11.3	286	11.3	27.00	1.06
SWT81500	8	150	250	9.8	190	7.5	290	11.4	290	11.4	33.00	1.30
SWT61800	6	180	260	10.2	182	7.2	286	11.3	286	11.3	29.50	1.16
SWT62400	6	240	360	14.2	172	6.8	259	10.2	272	10.7	35.00	1.38

Terminal Type

<p>T0</p>	<p>T1</p>	<p>T2</p>	<p>T3</p> <p>M5 BOLT&NUT</p>	<p>T4</p> <p>M5 BOLT&NUT</p>	<p>T5</p> <p>M5 BOLT&NUT</p>
<p>T6</p> <p>M6 BOLT&NUT</p>	<p>T7</p> <p>M6 BOLT&NUT</p>	<p>T8</p> <p>M6 BOLT&NUT</p>	<p>T9</p> <p>M6 BOLT&NUT</p>	<p>T10</p> <p>M8 BOLT&NUT</p>	<p>T11</p> <p>M8 BOLT&NUT</p>
<p>T12</p> <p>M8 BOLT&NUT</p>	<p>T13</p> <p>M5 × 10</p>	<p>T14</p> <p>M5 × 15</p>	<p>T15</p> <p>M8 × 16</p>	<p>T16</p> <p>M6 × 16</p>	<p>T17</p> <p>M6 × 16</p>
<p>T18</p> <p>M8 × 12</p>	<p>T19</p> <p>M8 × 16</p>	<p>T20</p> <p>M8 × 20</p>	<p>T21</p>	<p>T22</p>	<p>T23</p>
<p>T24</p>	<p>T25</p>	<p>T26</p>	<p>T27</p>	<p>T50</p> <p>M8 × 16</p>	<p>T60</p> <p>M8 × 16</p>

Certificates

SUNNYWAY certificates include **UL**(NO: MH26669), **CE** (NO: STT20131122384), **IEC**, **TLC**, **ISO9001**, **ISO14001**, **ISO18001** etc.

This section displays a grid of certification documents for Sunnysway Battery Tech Co., Ltd. The certificates include:

- ISO14001 Environmental Management System Certificate:** Issued by SCC, valid for production of lead-acid batteries.
- ISO9001 Quality Management System Certificate:** Issued by SCC, valid for production of lead-acid batteries.
- OHSAS18001 Occupational Health & Safety Management System Certificate:** Issued by SCC, valid for production of lead-acid batteries.
- Certificate of Compliance:** Issued by UL, certifying compliance with UL 1989 for component - batteries, standby.

This section displays a grid of additional certification documents for Sunnysway Battery Tech Co., Ltd. The certificates include:

- TLC Certificate for Product Certification:** Issued by TLC, certifying product quality.
- CE Certificate of Compliance:** Issued by STT, certifying compliance with CE standards.
- SGS Certificate:** Issued by SGS, certifying compliance with ISO 9001:2008.
- Test Report:** Issued by Guangzhou Vian Testing Institute, detailing test results for various battery models.