mehr+Ampere
Batterien, Akkus & Zubehör

SSB

SBL65-12i (12V65Ah)

Applications

- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency light
- Railway signal
- Alarm and security system
- Communication power supply
- DC power supply

Certificates

ISO 9001 Conform to IEC60896-21&22

Specifications

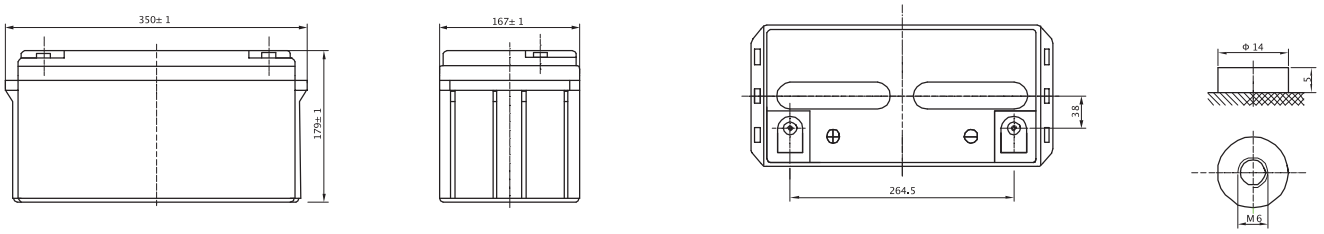
Nominal Voltage	12V
Nominal Capacity	65.0Ah (C_{10}, 10.8V)
Approx. Weight	20.4kg
Terminal	M6
Container Material	ABS UL94 HB
Rated Capacity (20°C)	68Ah/3.40A, 20hr, 10.8V 65.0Ah/6.5A, 10hr, 10.8V 61.2Ah/7.65A, 8hr, 10.5V 55.0Ah/11A, 5hr, 10.5V 51.6Ah/17.2A, 3hr, 10.5V 45.1Ah/45.1A, 1hr, 9.6V
Max. Discharge Current	650A (5s)
Internal Resistance / Impedance (1kHz)	Approx. 6.8mΩ
Nominal Oper. Temp. R.	20±3°C

Operating Temp. Range	Discharge:	-20~50°C
	Charge:	-10~50°C
	Storage:	-20~50°C
Cycle Use	Initial Charging Current less than 26A. Voltage 14.55V +-1% at 20°C. Temperature Coefficient -30mV/°C.	
Standby Use	No limit on Initial Charging Current. Voltage 13.65V +-1% at 20°C. Temperature Coefficient -20mV/°C.	
Capacity affected by Temp.	40°C	103%
	25°C	100%
	0°C	86%
Self Discharge	SSB batteries may be stored for up to 6 months at 20°C and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
Life Expectancy	10-12 years according to EUROBAT	

Dimensions

M6 Terminal

Unit: mm | Dimensions: 350 Length X 167 Width X 179 Height (179 Height incl. Terminal)



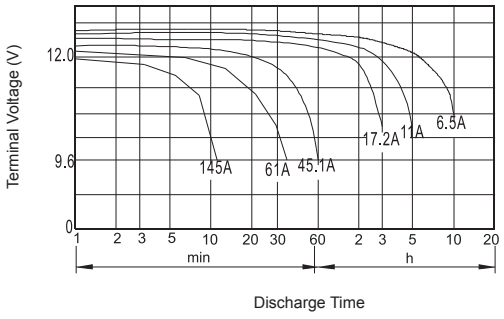
Constant Current Discharge (Amperes) at 20°C

End Point	5min	10min	15min	30min	1h	1.5h	3h	5h	8h	10h	20h
1.60V/cell	212	151	126	75.4	45.1	33.7	18.4	11.8	7.98	6.70	3.48
1.65V/cell	201	144	121	73.3	44.0	32.9	18.0	11.6	7.84	6.58	3.46
1.70V/cell	189	137	115	71.3	43.0	32.2	17.6	11.3	7.75	6.56	3.44
1.75V/cell	177	129	109	69.2	41.9	31.4	17.2	11.0	7.65	6.53	3.42
1.80V/cell	164	120	102	66.9	41.0	30.7	16.9	10.7	7.56	6.50	3.40

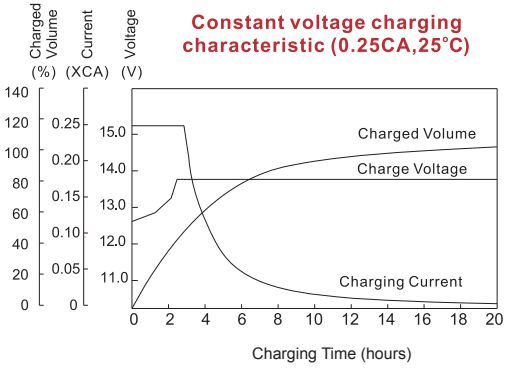
Constant Power Discharge (Watts/cell) at 20°C

End Point	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	5h	8h
1.60V/cell	378	275	207	129	99.1	81.8	61.4	47.5	33.8	22.5	11.95
1.65V/cell	356	261	203	128	97.6	80.0	60.1	46.6	33.2	22.3	11.84
1.70V/cell	335	246	200	127	95.7	78.3	58.8	45.6	32.5	22.0	11.68
1.75V/cell	314	231	196	124	93.6	76.5	57.4	44.5	31.8	21.7	11.52
1.80V/cell	302	215	187	122	91.3	75.7	56.5	43.3	31.1	21.4	11.36

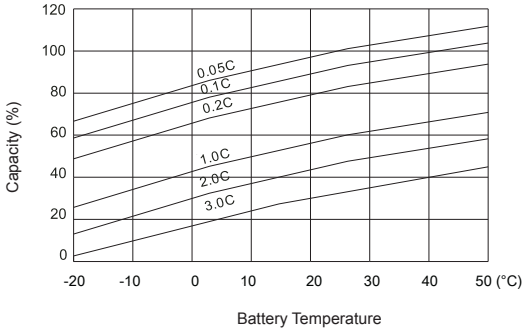
Discharge Characteristics



Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life