



SBL26-12i (12V26Ah)



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

Conform to
IEC60896-21&22

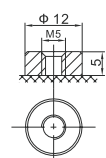
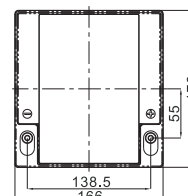
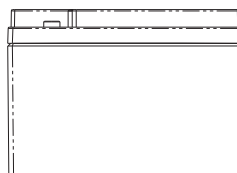
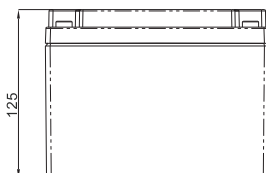
Specifications

Nominal Voltage	12V	Operating Temp. Range	Discharge:	-15~50°C
Nominal Capacity	26Ah (C ₂₀ , 10.5V)		Charge:	-20~40°C
Approx. Weight	7.4kg		Storage:	-15~40°C
Terminal	M5	Float Charge	2.285V/cell ± 0,5 % @ 20°C	
Container Material	ABS UL94 HB		Charging Current:	0.1-0.2C
Rated Capacity (20°C)	26Ah/1.3A, 20hr, 10.5V		Temperature coefficient:	-3mV/cell/°C
	24.60Ah/2.46A, 10hr, 10.5V	Capacity affected by Temp.	40°C	103%
	24.24Ah/3.03A, 8hr, 10.5V		25°C	100%
	22.65Ah/4.53A, 5hr, 10.5V		0°C	86%
	20.1Ah/6.70A, 3hr, 10.5V	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.	
	15.09Ah/15.09A, 1hr, 9.6V	Life Expectancy	10-12 years according to EUROBAT	
Max. Discharge Current	260A (5s)			
Internal Resistance / Impedance (1kHz)	Approx. 16mΩ			
Nominal Oper. Temp. R.	20±2°C			

Dimensions

■ M5 Terminal

Unit: mm | Dimensions: 166±1.5 Length X 176±1.5 Width X 125±1.5 Height (125±1.5 Height incl. Terminal)



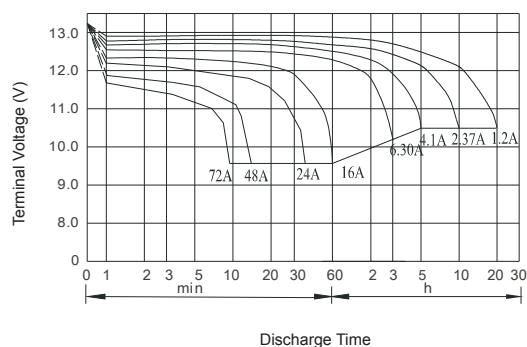
Constant Current Discharge (Amperes) at 20°C

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	93.72	66.23	47.88	27.50	15.09	9.753	7.332	5.920	4.905	3.157	2.564	1.354
1.65V	87.15	62.59	45.77	26.40	14.57	9.442	7.106	5.759	4.777	3.121	2.532	1.332
1.70V	78.63	57.62	42.87	25.23	14.10	9.131	6.913	5.603	4.653	3.073	2.494	1.316
1.75V	70.45	52.74	39.90	24.12	13.58	8.812	6.706	5.459	4.536	3.031	2.461	1.300
1.80V	61.86	47.74	36.84	23.05	13.06	8.497	6.499	5.302	4.419	2.979	2.430	1.287
1.85V	49.10	39.02	30.57	19.85	11.72	7.785	6.008	4.928	4.121	2.797	2.287	1.222

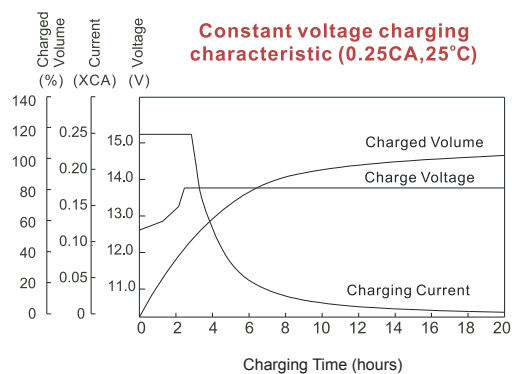
Constant Power Discharge (Watts/cell) at 20°C

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	155.4	112.6	83.70	49.95	28.36	18.49	14.00	11.36	9.454	6.165	5.039	2.665
1.65V	146.1	108.4	81.21	48.45	27.54	17.98	13.63	11.10	9.243	6.108	4.985	2.627
1.70V	134.9	101.7	77.20	46.78	26.81	17.49	13.32	10.84	9.034	6.028	4.916	2.598
1.75V	123.5	94.73	72.88	45.17	25.99	16.95	12.97	10.60	8.837	5.956	4.858	2.570
1.80V	110.8	87.25	68.25	43.61	25.14	16.43	12.62	10.33	8.640	5.868	4.802	2.547
1.85V	89.76	72.57	57.44	37.93	22.69	15.13	11.72	9.640	8.084	5.522	4.527	2.422

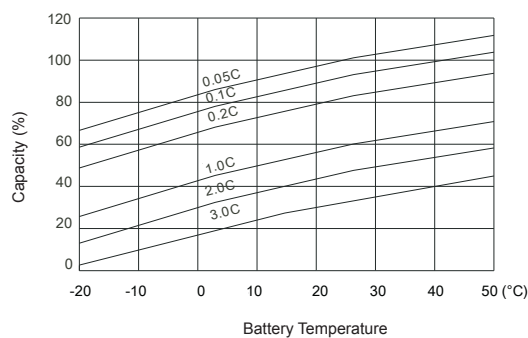
Discharge Characteristics



Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life

