



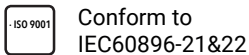
# SBL 260-12i(sh) (12V260Ah)



## 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



## Specifications

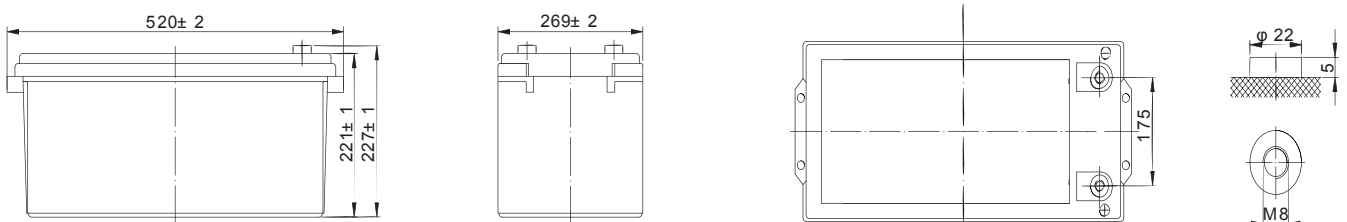
<b>Nominal Voltage</b>	12V	<b>Nominal Oper. Temp. R.</b>	20±3°C
<b>Nominal Capacity</b>	250.0Ah (C <sub>10</sub> , 10.8V)	<b>Cycle Use</b>	Initial Charging Current less than 75.0A. Voltage 14.55V +-1% at 20°C. Temperature Coefficient -30mV/°C.
<b>Approx. Weight</b>	74.0kg	<b>Standby Use</b>	No limit on Initial Charging Current. Voltage 13.65V +-1% at 20°C. Temperature Coefficient -20mV/°C.
<b>Terminal</b>	M8	<b>Capacity affected by Temp.</b>	40°C            103% 25°C            100% 0°C                86%
<b>Container Material</b>	ABS UL94 HB	<b>Self Discharge</b>	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.
<b>Rated Capacity (20°C)</b>	250.0Ah/25.0A, 10hr, 10.8V 217.5Ah/43.5A, 5hr, 10.5V 198.9Ah/66.3A, 3hr, 10.5V 160.0Ah/160.0A, 1hr, 9.6V	<b>Life Expectancy</b>	10-12 years according to EUROBAT
<b>Max. Discharge Current</b>	1250A (5s)		
<b>Internal Resistance / Impedance (1kHz)</b>	Approx. 3.0mΩ		
<b>Operating Temp. Range</b>	Discharge:        -20~50°C Charge:            -10~50°C Storage:           -20~50°C		



## Dimensions

### ■ M8 Terminal

Unit: mm | Dimensions: 520 Length X 269 Width X 221 Height (227 Height incl. Terminal)





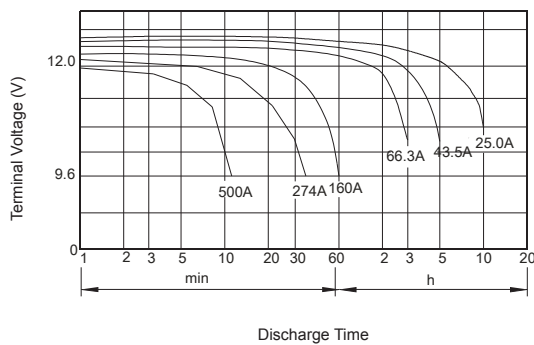
### Constant Current Discharge (Amperes) at 20°C

End Point	15min	30min	45min	1h	3h	5h	10h
1.60V/cell	463	274	195	160	72.3	47.2	25.6
1.65V/cell	430	258	186	153	69.5	45.5	25.4
1.70V/cell	415	252	182	150	68.3	44.8	25.3
1.75V/cell	386	240	178	146	66.3	43.5	25.2
1.80V/cell	357	229	176	142	64.2	42.5	25.0

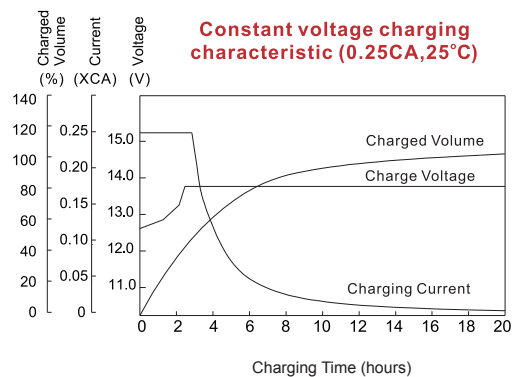
### Constant Power Discharge (Watts/cell) at 20°C

F.V/Time	15min	30min	45min	1h	2h	3h	5h
1.60V/cell	810	497	361	300	182	135	91.0
1.65V/cell	770	475	347	291	175	133	88.2
1.70V/cell	747	465	343	285	172	131	87.0
1.75V/cell	705	449	332	278	165	127	85.2
1.80V/cell	660	434	325	268	160	123	83.2

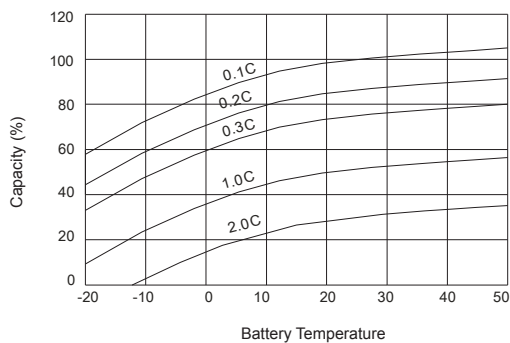
### Discharge Characteristics



### Float Charging Characteristics



### Temperature Effects in Relation to Battery Capacity



### Effect of Temperature on Long Term Float Life

