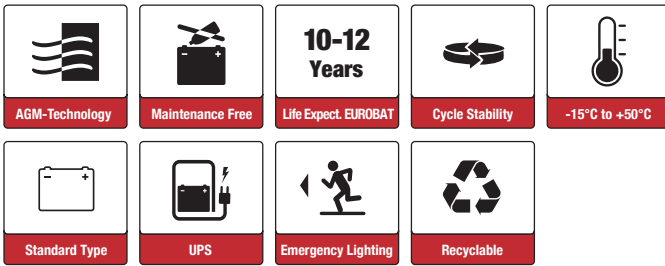




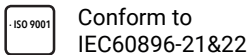
SBL260-12i(sh) (12V250Ah)



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



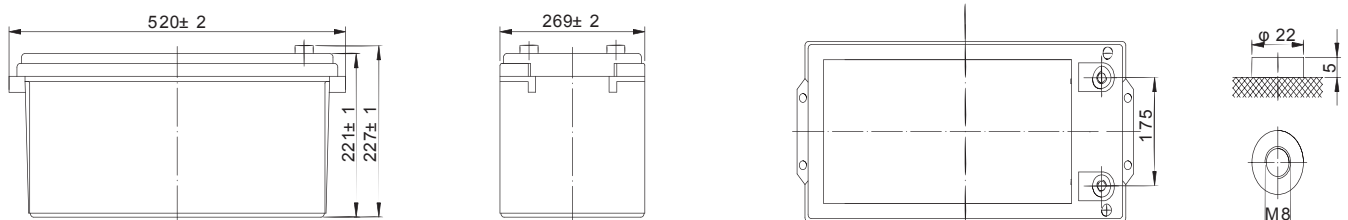
Specifications

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



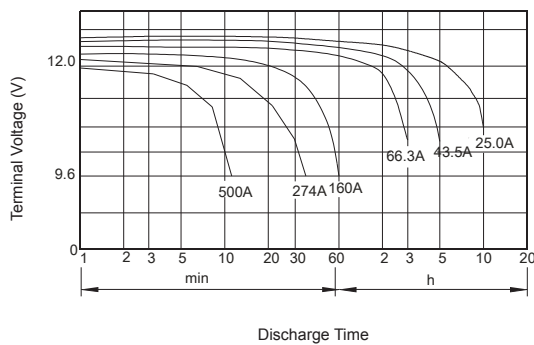
Constant Current Discharge (Amperes) at 20°C

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

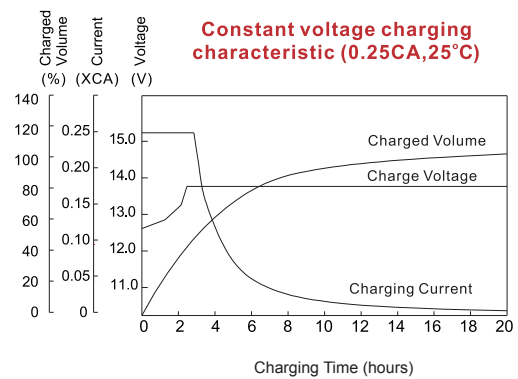
Constant Power Discharge (Watts/cell) at 20°C

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

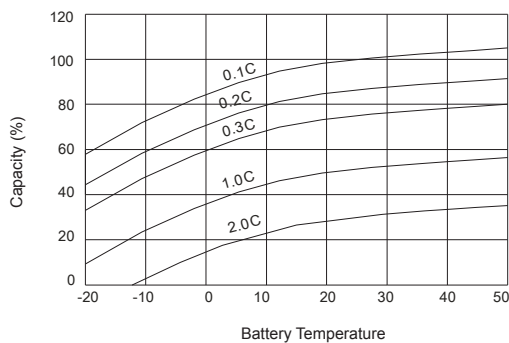
Discharge Characteristics



Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life

