



# SB12-12 (12V12Ah)

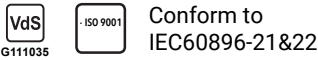


## Applications

- 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

<b>Nominal Voltage</b>	12V	<b>Nominal Oper. Temp. R.</b>	20±3°C
<b>Nominal Capacity</b>	12.0Ah (C <sub>20</sub> , 10.5V)	<b>Cycle Use</b>	Initial Charging Current less than 4.8A. Voltage 14.55V +-1% at 20°C. Temperature Coefficient -30mV/°C.
<b>Approx. Weight</b>	3.67kg	<b>Standby Use</b>	No limit on Initial Charging Current. Voltage 13.65V +-1% at 20°C. Temperature Coefficient -20mV/°C.
<b>Terminal</b>	T1	<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>	12.0Ah/0.60A, 20hr, 10.5V 11.4Ah/1.14A, 10hr, 10.5V 10.25Ah/2.05A, 5hr, 10.5V 9.27Ah/3.09A, 3hr, 10.5V 8.14Ah/8.14A, 1hr, 9.6V	<b>Life Expectancy</b>	6-9 years according to EUROBAT
<b>Max. Discharge Current</b>	180A (5s)		
<b>Internal Resistance / Impedance (1kHz)</b>	Approx. 19mΩ		
<b>Operating Temp. Range</b>	Discharge:        -20~50°C Charge:            -10~50°C Storage:           -20~50°C		

## Dimensions

### ■ T1 Terminal

Unit: mm | Dimensions: 151 Length X 98 Width X 95 Height (101 Height incl. Terminal)

