



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



Specifications

Nominal Voltage	12V	Nominal Oper. Temp. R.	20±3°C
Nominal Capacity	12.0Ah (C ₂₀ , 10.5V)	Cycle Use	Initial Charging Current less than 4.8A. Voltage 14.55V ±1% at 20°C. Temperature Coefficient -30mV/°C.
Approx. Weight	3.67kg	Standby Use	No limit on Initial Charging Current. Voltage 13.65V ±1% at 20°C. Temperature Coefficient -20mV/°C.
Terminal	T1	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)	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	Life Expectancy	6-9 years according to EUROBAT
Max. Discharge Current	180A (5s)		
Internal Resistance / Impedance (1kHz)	Approx. 19mΩ		
Operating Temp. Range	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)



