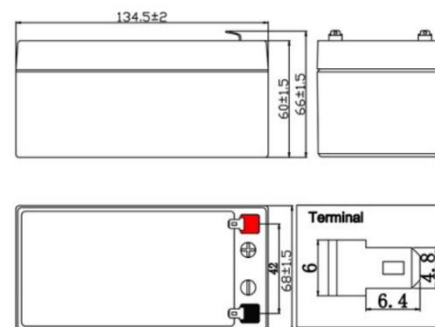


BA11-2

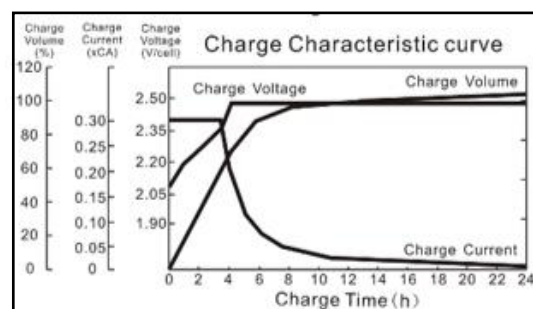
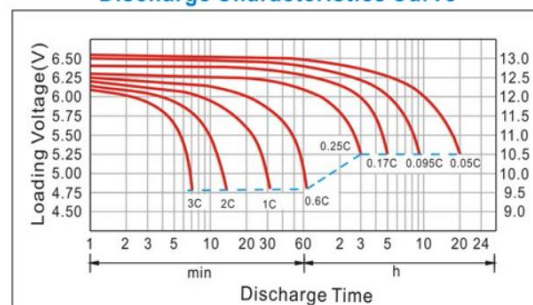
Securi-Prod 12V - 3.0Ah SLA Battery



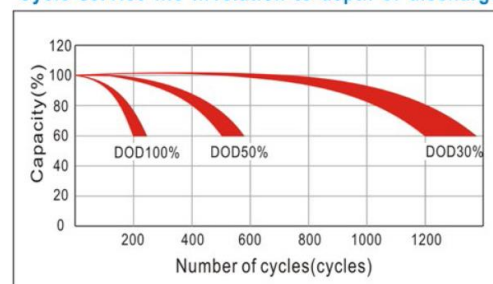
Specification

Nominal Voltage (V)	12V (6 cells in series)	
Rated Capacity	3Ah	(C ₂₀ , 1.75V/cell)
Dimensions(mm)	Length	134.5 ± 2 mm
	Width	68 ± 1.5 mm
	Height	60 ± 1.5 mm
	Total Height	66 ± 1.5 mm
Nominal Capacity @25°C (Ah)	20 Hour rate (0.152A to 10.5 volts)	3.04Ah
	10 Hour rate (0.290A to 10.5 volts)	2.90Ah
	5 Hour rate (0.518A to 10.5 volts)	2.59Ah
	1 Hour rate (1.950A to 9.6 volts)	1.95Ah
	15 min rate (5.775A to 9.6 volts)	1.44Ah
Approx. Weight	1.2 kg	
Terminal	T1-A	
Max.Discharge Current	45A @25°C (5s)	
Internal Resistance	50mΩ @25°C (Full Charged Battery)	
Floating Design Life	5 years @25°C	
Ambient Temperature	Charge: -15°C~50°C	
	Discharge: -20°C~60°C	
	Storage: -20°C~50°C	
Container Material	A.B.S , UL94-HB , UL94-V0 , Optional	
Self Discharge	VRLA batteries can be stored for more than 6 months at 25°C. Self-Discharge ratio less than 3% per month at 25°C. Please charge batteries before using.	

Discharge Characteristics Curve



Cycle service life in relation to depth of discharge



Constant Current Discharge Characteristics (A), (25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	11.84	7.755	5.775	3.075	1.950	1.099	0.785	0.529	0.350	0.300	0.161
1.70V/cell	10.74	7.185	5.445	2.985	1.907	1.082	0.765	0.521	0.345	0.293	0.155
1.75V/cell	9.645	6.735	5.145	2.895	1.883	1.073	0.758	0.518	0.342	0.290	0.152
1.80V/cell	8.655	6.300	4.845	2.805	1.855	1.064	0.749	0.512	0.338	0.285	0.146

Constant Wattage Discharge Characteristics (Watt), (25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	21.40	14.15	10.64	5.868	3.863	2.179	1.564	1.056	0.699	0.599	0.321
1.70V/cell	19.78	13.35	10.21	5.746	3.797	2.154	1.527	1.041	0.689	0.585	0.310
1.75V/cell	18.00	12.74	9.733	5.621	3.752	2.138	1.514	1.034	0.683	0.579	0.304
1.80V/cell	16.30	12.02	9.246	5.493	3.702	2.122	1.497	1.023	0.675	0.570	0.292