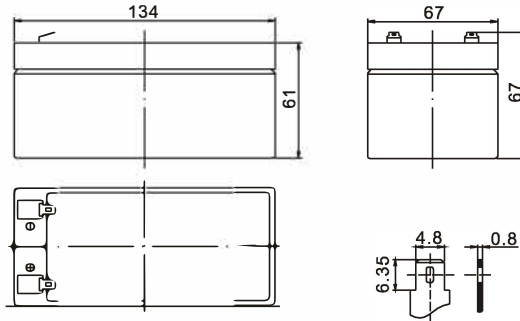


Standard Series

BS12-3.4 12V3.4Ah

Dimension(mm)



T1
Terminal



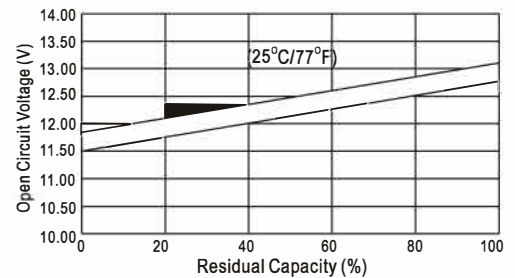
Specification

Nominal Voltage		12 V
Capacity(20HR, 25)		3.4 Ah
Dimension	Length	134mm (5.28inch)
	Width	67mm (2.64inch)
	Height	61mm (2.40inch)
	Total Height	67mm (2.64inch)
Approx. Weight		1.3kg (2.87lbs)

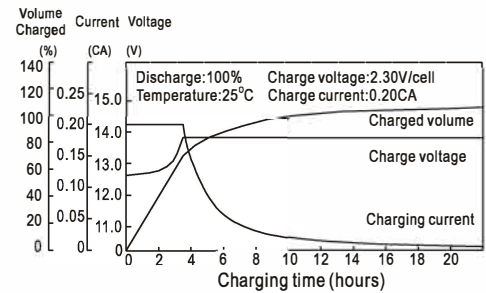
Characteristics

Capacity 20 (68H) To 1.70V/Cell	20 hour rate	3.4Ah
	10 hour rate	3.2Ah
	5 hour rate	2.9Ah
	1 hour rate	2.2Ah
	15 min rate	1.66Ah
Internal resistance(Fully charged, 25)		Approx. 50m
Capacity affected by temperature (20HR)	40	102%
	25	100%
	0	85%
	-15	65%
Self-discharge (25)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25 3 (77H 5H)
Operating temperature range		-15 ~50 (5H ~122H)
Float charging voltage(25)		13.60 to 13.80V
Cyclic charging voltage(25)		14.50 to 14.90V
Maximum charging current		0.96A
Terminal material		Copper
Maximum discharge current		48A(5 Sec.)

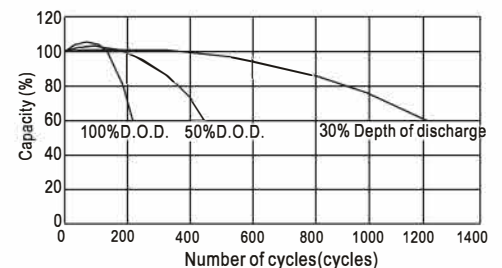
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	12.2	7.68	6.08	3.52	2.08	0.81	0.55	0.30	0.16
10.2V	11.6	7.30	5.84	3.38	2.00	0.80	0.54	0.30	0.16
10.8V	10.9	6.86	5.54	3.21	1.90	0.78	0.53	0.29	0.16

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
136	86.6	69.3	40.3	24.1	9.65	6.59	3.59	1.95
129	82.3	66.5	38.7	23.1	9.50	6.50	3.55	1.93
121	77.4	63.2	36.8	22.0	9.31	6.37	3.55	1.92