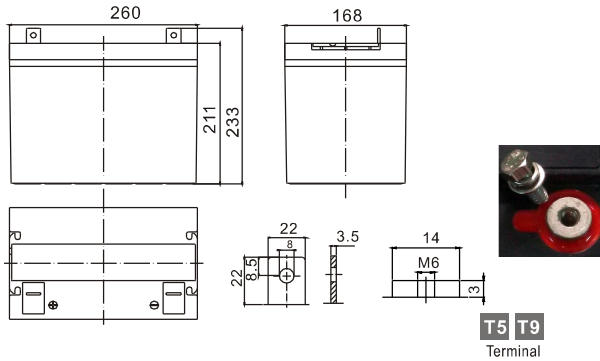


Gel Series BSL12-60GEL 12V60Ah



Dimension (mm)



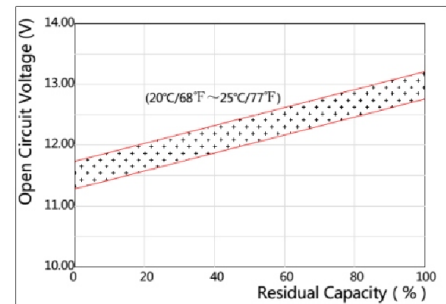
Specification

Nominal Voltage		12 V
Capacity(10HR, 25 °C)		60Ah
Dimension	Length	260mm (10.2inch)
	Width	168mm (6.6inch)
	Height	211mm (8.3inch)
	Total Height(T5/T9)	233mm (9.2inch)/214mm (8.4inch)
Approx. Weight		21kg (47lbs)

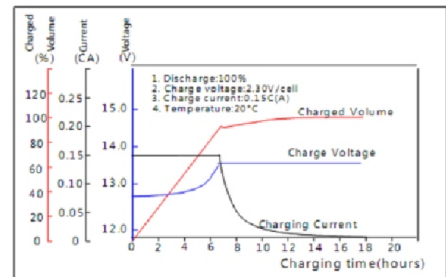
Characteristics

Capacity 20 (68H) To 1.70V/Cell	20 hour rate	62.2Ah
	10 hour rate	60Ah
	5 hour rate	49.2Ah
	1 hour rate	35.7Ah
	15 min rate	19Ah
Internal resistance(Fully charged, 25 °C)		Approx.6.3m
Capacity affected by temperature (10HR)	40	102%
	25	100%
	0	85%
	-15	65%
Self-discharge (25 °C)	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 °C)		13.60 to 13.80V
Cyclic charging voltage(25 °C)		14.10 to 14.40V
Maximum charging current		15A
Terminal material		Copper
Maximum discharge current		600A(5 sec.)

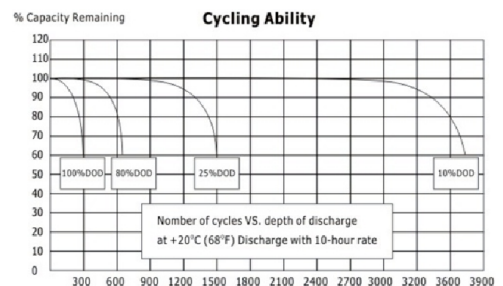
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



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	130	99.0	91.2	58.8	37.2	14.6	9.99	6.09	3.14
10.2V	123	94.1	87.6	56.4	35.7	14.4	9.84	6.04	3.11
10.8V	116	88.4	83.2	53.6	33.9	14.1	9.64	6.00	3.09

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
1361	1069	1001	660	424	172	118	72.7	37.6
1293	1016	961	633	407	169	116	72.1	37.3
1215	955	913	602	387	166	114	71.6	37.1