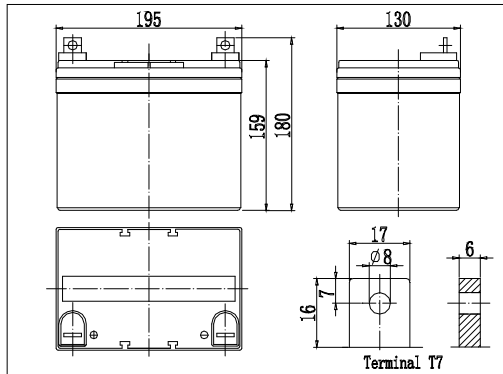


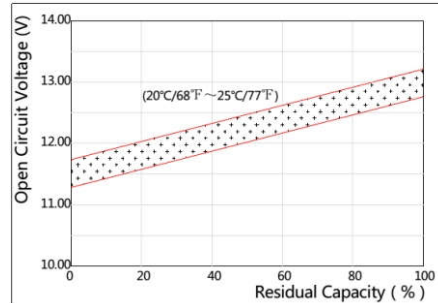
Gel Series BSL12-33GEL 12V33Ah



Dimensions



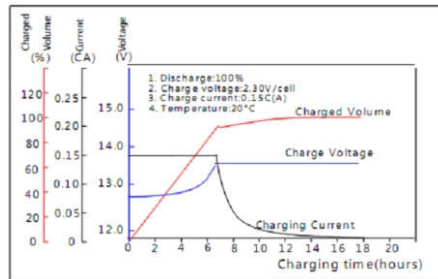
The Relationship for Open Circuit Voltage and Residual Capacity (25 °C)



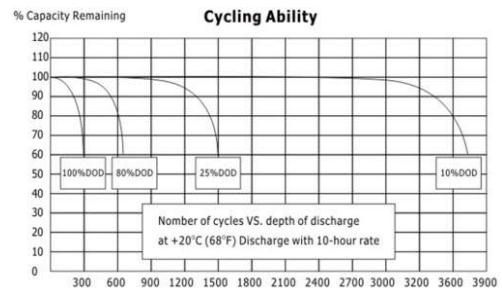
Specifications

Nominal Voltage	12 V	
Capacity(10HR, 25 °C)	33 Ah	
Dimension	Length	195mm (7.68inch)
	Width	130mm (5.12inch)
	Height	159mm (6.26inch)
	Total Height	180mm (7.09inch)
Approx. Weight	10.5kg (23.2lbs)	
Internal resistance (Fully charged, 25 °C)	Approx. 11m	
Capacity affected by temperature (10HR)	25 °C	102%
	20 °C	100%
	15 °C	85%
	10 °C	65%
Self-discharge	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature	25 (77)	
Operating temperature range	-15 50 122	
Float charging voltage(25 °C)	13.50 to 13.80V	
Cyclic charging voltage(25 °C)	14.10 to 14.40V	
Maximum charging current	8.25A	
Terminal material	Lead	
Maximum discharge current	330A(5 sec.)	

Charging Characteristics(25 °C)



Cycle Life(25 °C)



Gelled electrolyte technology;

AGM separator;

Recognized by UL & CE;

ABS container.

Constant Current Discharge Characteristics (A, 25 °C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	71.3	54.5	50.2	32.3	20.5	8.04	5.49	3.35	1.72
10.2V	67.7	51.7	48.2	31.0	19.6	7.92	5.41	3.32	1.71
10.8V	63.7	48.6	45.7	29.5	18.7	7.76	5.30	3.30	1.70

Constant Power Discharge Characteristics (Watt, 25 °C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	748	588	551	363	233	94.5	64.9	40.0	20.7
10.2V	711	559	529	348	224	93.1	64.0	39.6	20.5
10.8V	668	525	502	331	213	91.3	62.7	39.4	20.4