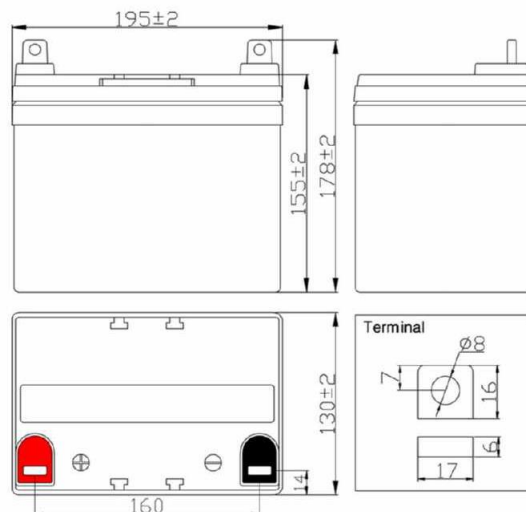


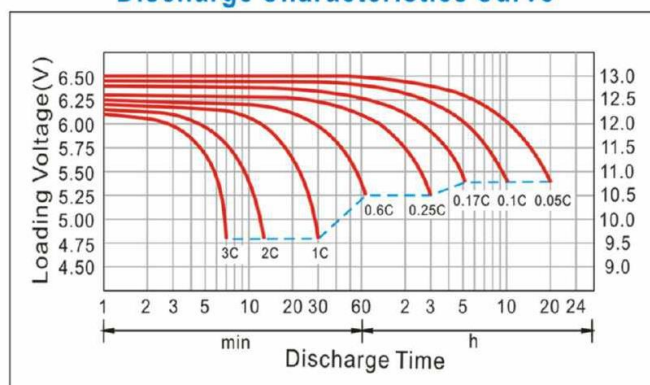
BA33-2

12V 33Ah SLA Battery



Nominal Voltage (V)	12V (6 cells in series)	
Rated Capacity	33.0Ah	(C ₁₀ , 1.80V/cell)
Dimensions(mm)	Length	195 ± 2 mm
	Width	130 ± 2 mm
	Height	155 ± 2 mm
	Total Height	178 ± 2 mm
Nominal Capacity @25°C (Ah)	20 Hour rate (1.769A to 10.8 volts)	35.3Ah
	10 Hour rate (3.333A to 10.8 volts)	33.3Ah
	5 Hour rate (5.706A to 10.8 volts)	28.5Ah
	1 Hour rate (20.89A to 10.5 volts)	20.8Ah
Approx. Weight	9.4 kg	
Terminal	T8	
Max.Discharge Current	264A @25°C (5s)	
Internal Resistance	10.5mΩ @25°C (Full Charged Battery)	
Floating Design Life	10 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



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

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	110.6	70.95	57.75	37.13	21.45	12.82	8.870	5.950	4.099	3.465	1.901
1.70V/cell	97.35	64.35	55.28	36.14	21.15	12.66	8.762	5.881	4.033	3.399	1.835
1.75V/cell	87.45	59.40	52.31	35.15	20.89	12.49	8.663	5.792	3.993	3.366	1.802
1.80V/cell	75.90	53.79	49.01	33.79	20.46	12.32	8.498	5.706	3.934	3.333	1.769

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

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	190.7	126.5	104.9	69.30	41.11	25.00	17.59	11.83	8.156	6.901	3.798
1.70V/cell	172.0	116.9	101.8	68.05	40.72	24.78	17.42	11.72	8.045	6.787	3.670
1.75V/cell	156.7	109.4	97.20	66.78	40.39	24.56	17.27	11.57	7.986	6.732	3.604
1.80V/cell	137.9	100.4	91.88	64.77	39.73	24.43	16.98	11.41	7.867	6.666	3.538