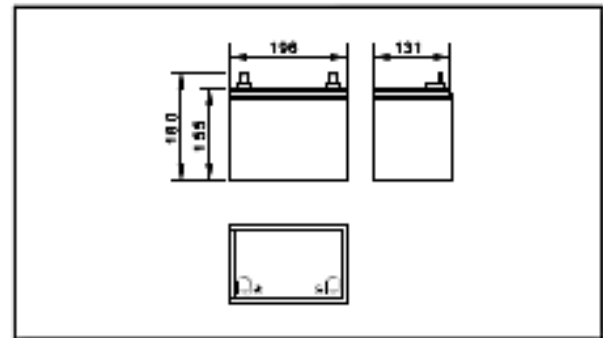


BT-12-33G (12V 33AH)



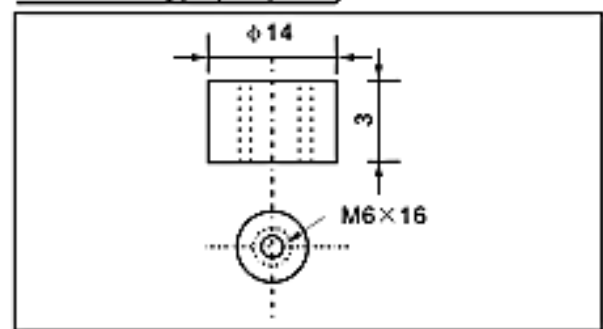
● Outer dimensions (mm)



● Specifications

Nominal Voltage		12V
Rated capacity (10 hour rate)		33 Ah
Dimensions	Total Height	180 mm (7.09 inches)
	Height	155 mm (6.10 inches)
	Length	196 mm (7.70 inches)
	Width	131 mm (5.18 inches)
Weight Approx		11 Kg (24.2 lbs)

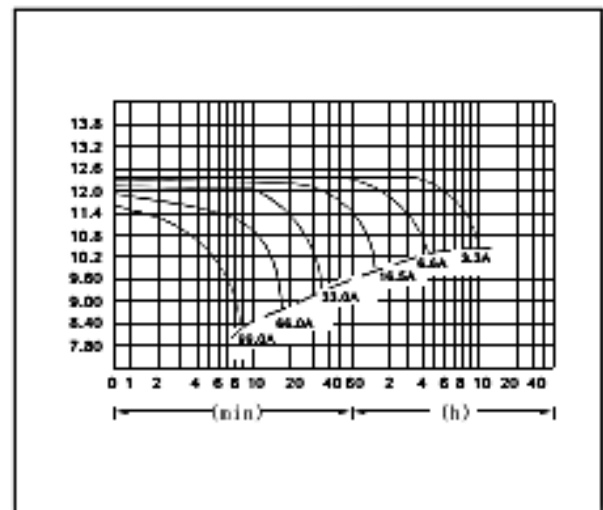
● Terminal Type (mm)



● Characteristics

Capacity 25°C(77°F)	10 hour rate(3.3A)	33.0 AH
	5 hour rate(5.3A)	28.5 AH
	1 hour rate(19.8A)	19.8 AH
	1.5 hour discharge to 10.5V	13.2 A
Internal Resistance	Full charged Battery at 25°C(77°F)	10 mΩ
Capacity affected by Temperature (10hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	85%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal	T9, T16	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 13.2 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

● Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	122	89	63	38	19.8	12	8.5	6.6	5.4	3.8	3.50	1.87
	W	1297	946	666	403	229	134	98	76	63	44	40	21.7
10.20V	A	108	81	56	36.0	18.6	11.0	8.3	6.4	5.3	3.8	3.40	1.82
	W	1194	901	623	399	216	128	96	75	62	43	39	21.1
10.50V	A	104	77	53	35	18	10.8	8.1	6.3	5.3	3.7	3.30	1.80
	W	1175	876	599	397	209	125	93	73	61	43	39	20.9
10.80V	A	100	73	50	34	17	10.5	7.9	6.2	5.1	3.6	3.30	1.78
	W	1160	853	576	396	203	122	91	72	60	42	38	20.7
11.10V	A	96	69	46	33	17	10.2	7.6	6.0	5.0	3.5	3.14	1.69
	W	1139	825	550	393	200	122	90	71	60	42	37	20.1