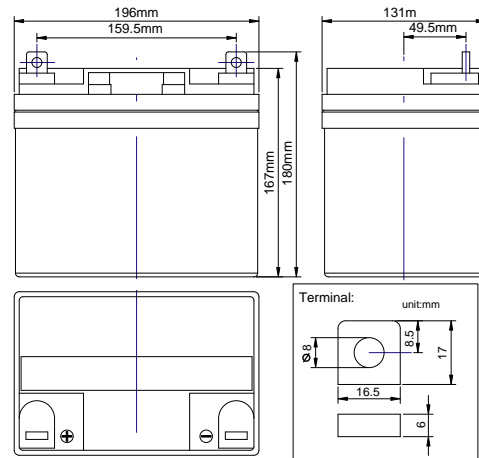


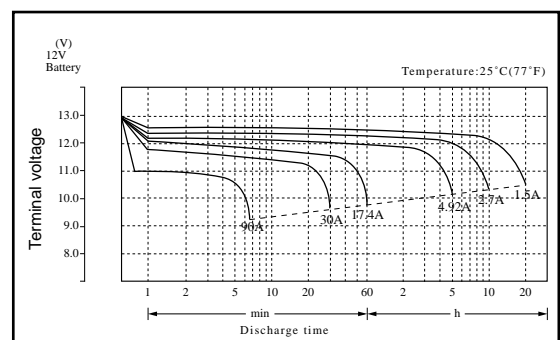
DC30-12



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		30AH
Dimension	Total Height (with terminals)	180mm(7.09inches)
	Height	167mm(6.57inches)
	Length	196mm(7.72inches)
	Width	131mm(5.16inches)
Weight		Approx.11.5kg(23.15lbs)

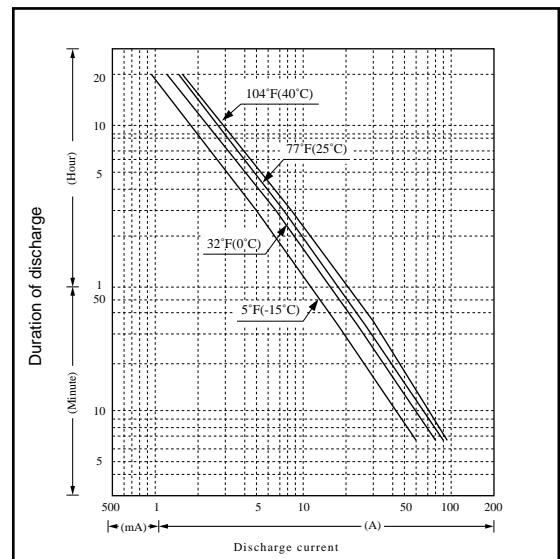
Discharge characteristics 77°F(25°C)



Characteristics

Capacity 77°F(25°C)	20 hour rate(1.5A)	30AH
	10 hour rate(2.7A)	27AH
	5 hour rate(4.92A)	24.6AH
	1 hour rate(17.4A)	17.4AH
Internal Resistance	Full charged Battery 77°F(25°C)	9mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)	450A(5S)	
Terminal	Standard	F5
	Optional	J
Charging (Constant Voltage)	Cycle	Initial Charging Current 6A Or Small 14.5V~14.9V/77°F(25°C)
	Float	13.6V~13.8V/77°F(25°C)

Duration of discharge vs. Discharge current



Constant Power Discharge Watts Per Cell @ 77°F(25°C)

Cut off voltageV/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.60	233	156	124.2	72.8	54.8	45.7	26.9	18.9	12.67	8.01	6.51	5.70	2.92
1.65	231	155	123.2	72.7	54.4	45.0	26.5	18.6	12.67	8.01	6.51	5.70	2.92
1.67	228	154	121.3	71.8	53.5	44.6	26.2	18.5	12.67	8.01	6.51	5.70	2.92
1.70	223	152	120.3	69.8	52.6	43.8	25.8	18.2	12.67	8.01	6.51	5.70	2.92
1.75	218	148	116.4	68.9	51.6	43.1	25.3	18.0	12.47	7.92	6.48	5.70	2.92
1.80	213	145	112.5	67.9	50.6	42.3	24.8	17.8	12.28	7.82	6.44	5.68	2.92

Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.