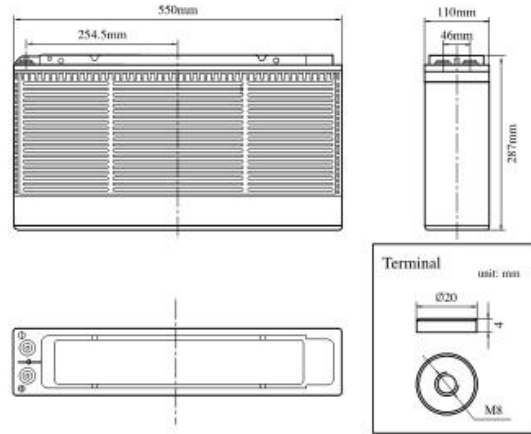


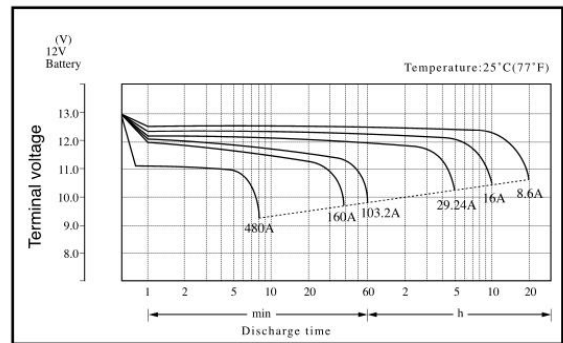
12AFT160



Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		160AH
Dimension	Total Height (with terminals)	287mm(11.30inches)
	Height	287mm(11.30inches)
	Length	550mm(21.65inches)
	Width	110mm(4.33inches)
Weight		Approx.51.7kg(113.98lbs)

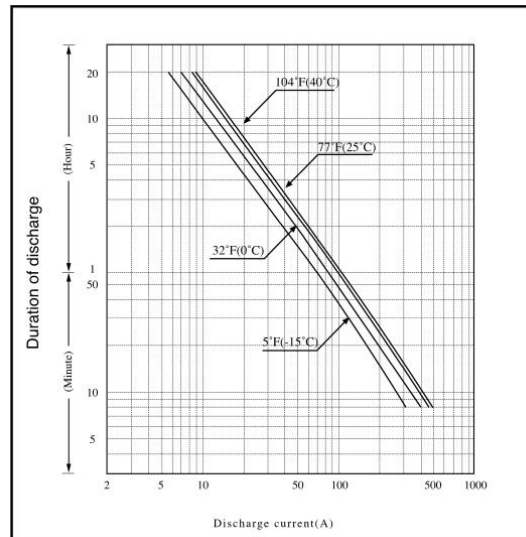
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F(25°C)	20 hour rate(8.6A)	172AH
	10 hour rate(16A)	160AH
	5 hour rate(29.24A)	146.2AH
	1 hour rate(103.2A)	103.2AH
	15 min rate(301.2A)	75.3AH
Internal Resistance	Full charged Battery 77°F(25°C)	2.3mΩ
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)	2400A(5S)	
Terminal	Standard	F17
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 32A 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 voltage V/cell	5M	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.60V	875	676	552	350	259	204	119	83.2	55.8	36.7	31.0	26.8	13.8
1.65V	840	656	538	345	256	202	118	82.4	55.5	36.7	31.0	26.8	13.8
1.67V	830	647	529	342	254	200	118	81.6	55.4	36.7	31.0	26.8	13.8
1.70V	792	623	511	337	251	199	117	81.2	55.2	36.6	31.0	26.8	13.8
1.75V	750	590	490	327	244	197	117	80.6	54.7	36.2	30.7	26.8	13.8
1.80V	705	558	468	317	238	196	116	80.1	54.2	35.7	30.3	26.4	13.8

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