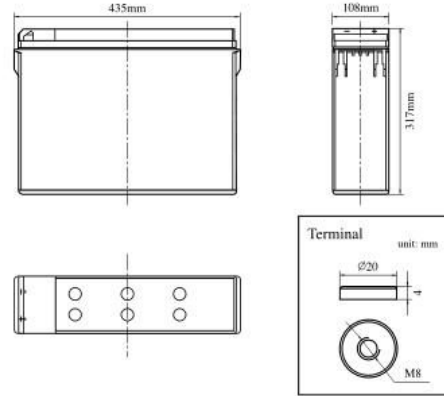


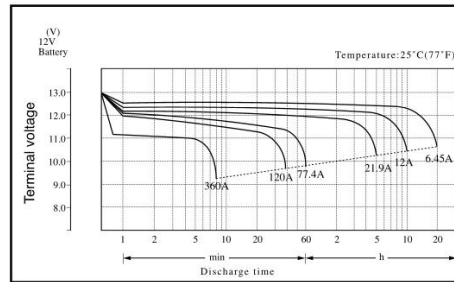
12AFT120



Specifications

Discharge characteristics 77°F (25°C)

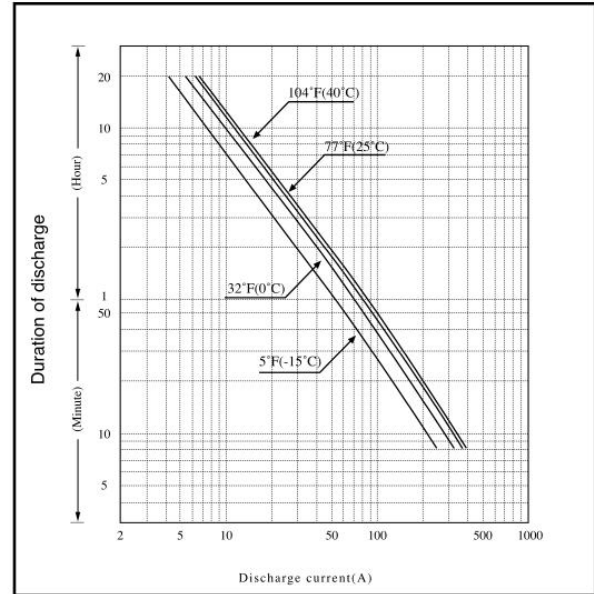
Nominal Voltage		12V
Rated Capacity(10 hour rate)		120AH
Dimension	Total Height (with terminals)	317mm(12.48inches)
	Height	317mm(12.48inches)
	Length	435mm(17.13inches)
	Width	108mm(4.25inches)
Weight		Approx.46.0kg(101.4lbs)



Characteristics

Duration of discharge vs. Discharge current

Capacity 77°F(25°C)	20 hour rate(6.45A)	129AH
	10 hour rate(12A)	120AH
	5 hour rate(21.9A)	109.7AH
	1 hour rate(77.4A)	77.4AH
	15 min rate(234A)	58.5AH
Internal Resistance	Full charged Battery 77°F(25°C)	2.8mΩ
	104°F(40°C)	102%
Capacity affected by Temperature (20 hour rate)	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
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)		1800A(5S)
Terminal	Standard	F17
	Optional	
Charging (Constant Voltage)	Cycle	Initial Charging Current 24A Or Small 14.5V~14.9V/77°F(25°C)
	Float	13.6V~13.8V/77°F(25°C)



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
1.60V	766	577	467	290	211	165	96.1	67.0	45.0	29.6	25.0	21.6	11.1
1.65V	743	565	458	287	209	163	95.5	66.4	44.8	29.6	25.0	21.6	11.1
1.67V	734	558	451	284	207	162	95.2	65.9	44.8	29.6	25.0	21.6	11.1
1.70V	705	539	434	278	204	160	94.7	65.4	44.7	29.6	25.0	21.6	11.1
1.75V	670	512	416	269	199	159	94.0	64.9	44.2	29.2	24.8	21.6	11.1
1.80V	634	487	397	260	193	157	93.2	64.3	43.7	28.7	24.4	21.3	11.1

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