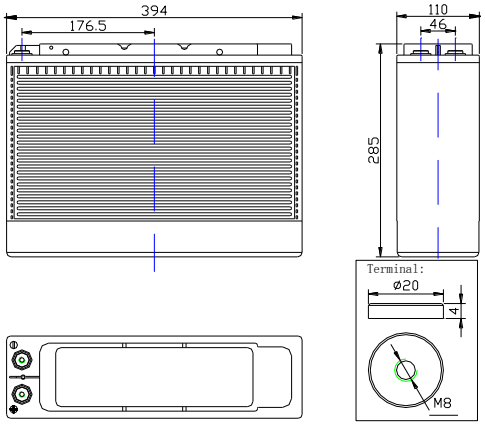
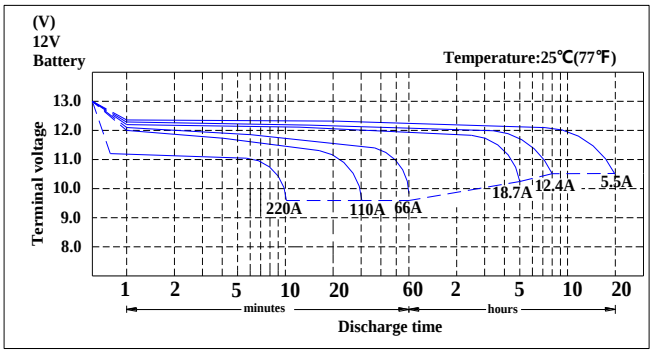
□FAT110-12 Nominal Technical Specifications



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate to 1.75Vpc)		110AH
Rated Capacity (10hour rate to 1.75Vpc)		104AH
Dimension	Total Height (with terminals)	285mm(11.22inches)
	Height	285mm(11.22inches)
	Length	394mm(15.51inches)
	Width	110mm(4.33inches)
Weight		Approx.34..6 kg (76.28Ibs)

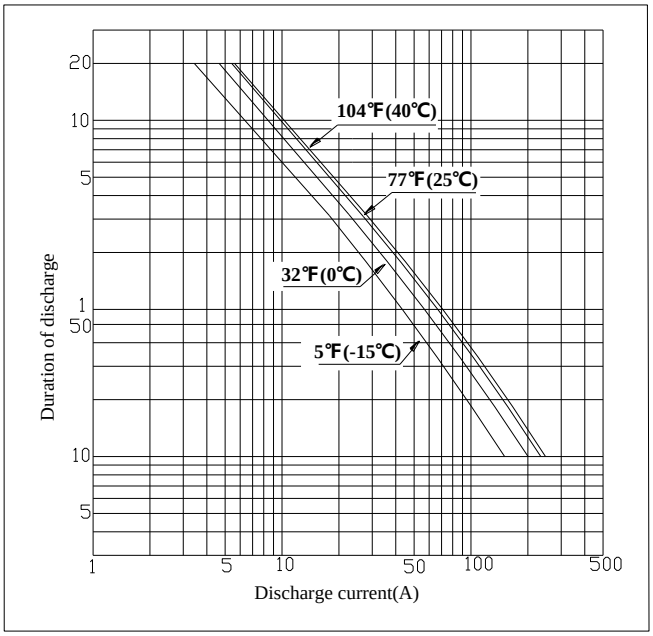
Discharge characteristics 77℉(25℃)



Characteristics

Capacity 77℉(25℃)	8 hour rate (12.4A to 10.5Volts)	99.2AH
	5 hour rate (18.7A to 10.2Volts)	93.5AH
	1 hour rate (66A to 9.6Volts)	66AH
Internal Resistance	Full charged 77℉(25℃)	3.7mΩ
Standard Terminal	M8	
Capacity affected by Temperature (20 hour rate)	104℉(40℃)	102%
	77℉(25℃)	100%
	32℉(0℃)	85%
	5℉(-15℃)	65%
Self-Discharge 77℉(25℃)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77℉(25℃)	1100A (5s)	
Charging (Constant Voltage) Cycle	Initial Charging Current 22A Or Small 14.4V～14.9V/77℉(25℃)	
Charging (Constant Voltage) Float	13.5V～13.8V/77℉(25℃)	

Duration of discharge vs. Discharge current



Constant wattage discharge(Watts per cell @ 25℃)

Cut off voltage V/cell	10M	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	24H
1.67V	451	376	227	176	136	79.8	55.3	37.7	24.9	21.0	18.1	9.33
1.70V	425	361	222	172	135	79.4	54.9	37.7	24.8	21.0	18.1	9.33
1.75V	403	344	218	168	133	78.8	54.3	37.2	24.4	20.8	18.1	9.33
1.80V	394	329	208	163	131	78.1	53.7	36.7	24.0	20.4	17.8	9.33

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