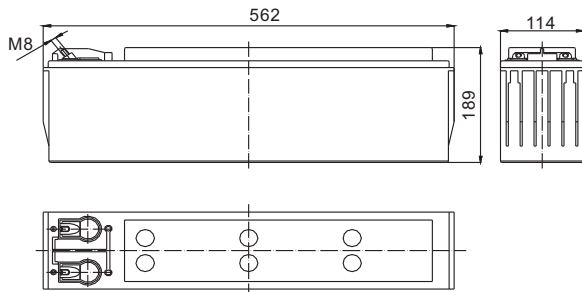


Long Life Series LFP1275FT 12V75Ah

FirstPower®

Dimension(mm)



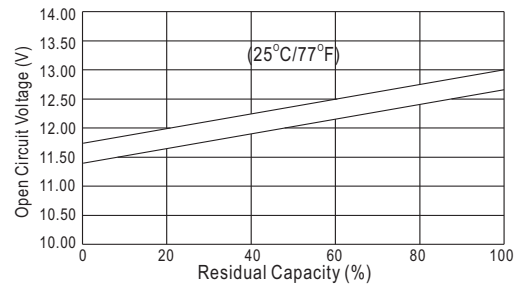
Specification

Nominal Voltage	12 V	
Capacity(10HR, 25°C)	75Ah	
Dimension	Length	562mm (22.1inch)
	Width	114mm (4.5inch)
	Height	189mm (7.4inch)
	Total Height	189mm (7.4inch)
Approx. Weight	27kg (59.4lbs)	

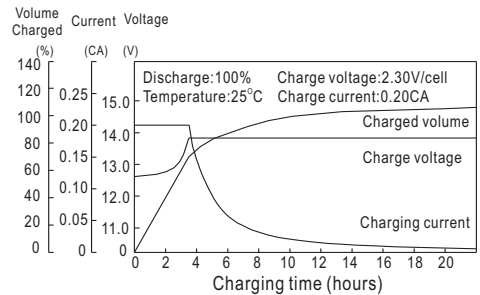
Characteristics

Capacity 20°C (68□) To 1.70V/Cell	20 hour rate	79.2Ah
	10 hour rate	75Ah
	5 hour rate	67.5Ah
	1 hour rate	45.4Ah
	15 min rate	29.8Ah
Internal resistance(Fully charged, 25°C)	Approx.5.5mΩ	
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature	25°C ±3°C(77°F ±5°F)	
Operating temperature range	-15°C~50°C(5°F~122°F)	
Float charging voltage(25°C)	13.50 to 13.80V	
Cyclic charging voltage(25°C)	14.50 to 14.90V	
Maximum charging current	22.5A	
Terminal material	M8 threaded post	
Maximum discharge current	750A(5 sec.)	

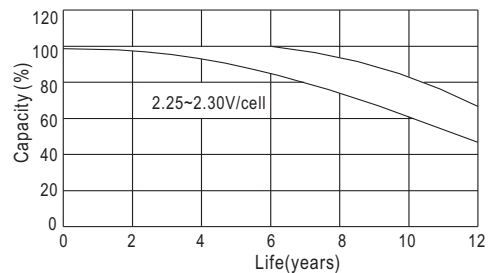
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Floating Life Characteristics (25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	237	158	124	78.0	47.2	19.4	13.8	7.62	4.00
10.2V	224	150	119	74.9	45.4	19.1	13.5	7.55	3.96
10.8V	211	140	113	71.2	43.1	18.8	13.3	7.50	3.94

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
2481	1701	1359	875	538	228	162	90.9	48.0
2357	1616	1305	840	517	225	160	90.1	47.5
2215	1519	1239	798	491	220	157	90.1	47.2