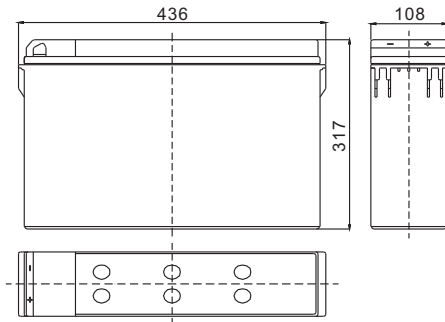


Long Life Series

LFP12125FT 12V125Ah

FirstPower®

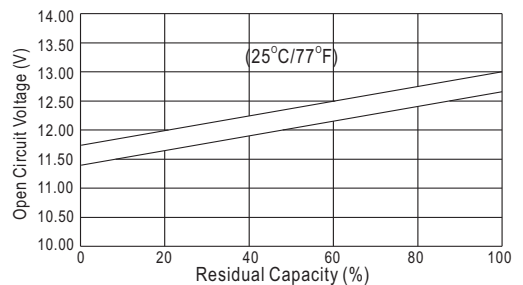
Dimension(mm)



Specification

Nominal Voltage		12 V
Capacity(10HR, 25°C)		125 Ah
Dimension	Length	436mm (17.2inch)
	Width	108mm (4.3inch)
	Height	317mm (12.5inch)
	Total Height	317mm (12.5inch)
Approx. Weight		40.5kg (89.1lbs)

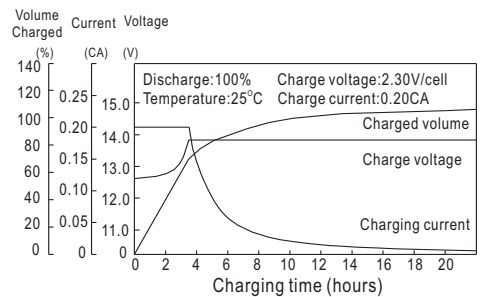
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



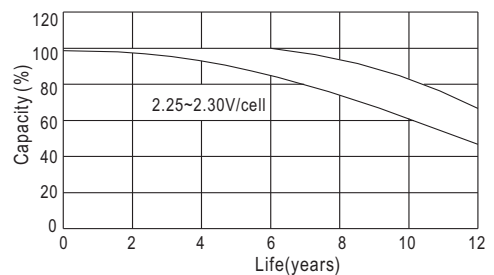
Characteristics

Capacity 20°C (68□) To 1.70V/Cell	20 hour rate	132Ah
	10 hour rate	125Ah
	5 hour rate	113Ah
	1 hour rate	75.6Ah
	15 min rate	48.5Ah
Internal resistance(Fully charged, 25°C)		Approx. 4 mΩ
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		37.5A
Terminal material		Copper
Maximum discharge current		1000A(5 sec.)

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	382	255	202	127	78.8	32.4	22.8	12.7	6.66
10.2V	363	242	194	122	75.6	31.9	22.5	12.6	6.60
10.8V	341	227	184	116	71.8	31.2	22.1	12.5	6.56

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
4010	2750	2219	1429	898	380	270	151	79.9
3810	2612	2131	1372	862	375	266	150	79.2
3581	2456	2024	1304	819	367	261	150	78.8