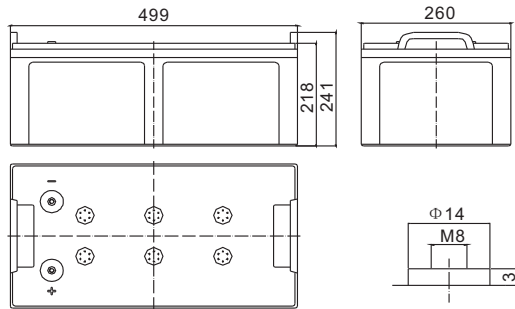


Standard Series LFP12200S 12V200Ah

FirstPower®

Dimension(mm)



T12
Terminal



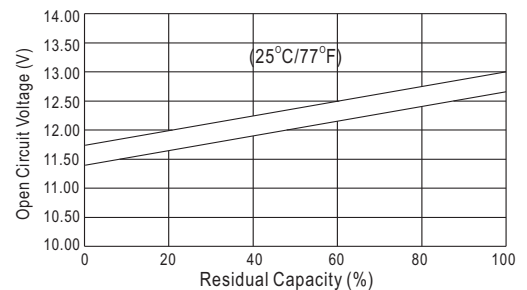
Specification

Nominal Voltage		12 V
Capacity(10HR, 25°C)		200 Ah
Dimension	Length	499mm (19.6inch)
	Width	260mm (10.2inch)
	Height	218mm (8.6inch)
	Total Height	241mm (9.5inch)
Approx. Weight		61.5kg (135.6lbs)

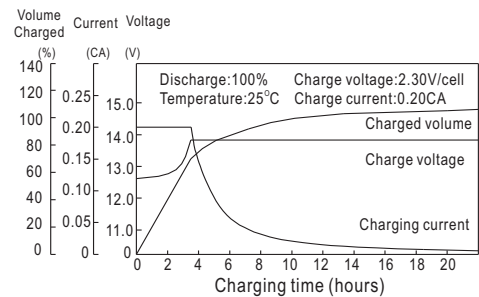
Characteristics

Capacity 20°C (68□) To 1.70V/Cell	20 hour rate	212Ah
	10 hour rate	200Ah
	5 hour rate	180Ah
	1 hour rate	121Ah
	15 min rate	79.3Ah
Internal resistance(Fully charged, 25°C)		Approx. 3m Ω
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		60A
Terminal material		Copper
Maximum discharge current		1600A(5 Sec.)

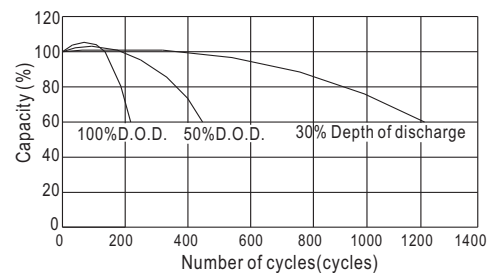
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	630	420	330	208	126	51.8	36.5	20.3	10.7
10.2V	599	399	317	200	121	51.0	36.0	20.1	10.6
10.8V	563	375	301	190	115	50.0	35.3	20.0	10.5

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
6615	4536	3623	2334	1436	609	432	242	128
6284	4309	3478	2240	1379	600	426	240	127
5907	4051	3305	2128	1310	588	417	240	126