

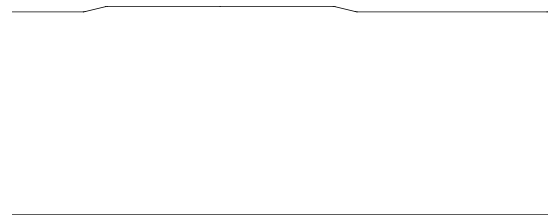
**CFPS2300 (2V300Ah)**

**Specifications**

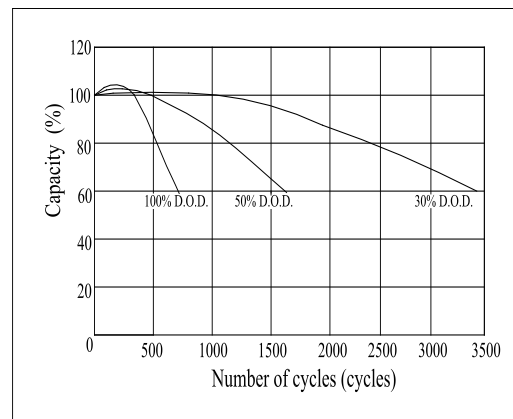
Nominal Voltage		2 V
Capacity(10HR, 25°C)		300 Ah
Dimension	Length	206mm (8.11inch)
	Width	145mm (5.70inch)
	Height	355mm (13.97inch)
	Total Height	410mm (16.14inch)
Battery Weight	Dry	Approx. 17kg
	Wet	Approx. 23kg
Acid Weight		Approx. 6kg
Acid Density(25°C)		1.24 g/cm <sup>3</sup>
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Nominal operating temperature		25±3°C(77±5°F)
Operating temperature range		-20 ~ 50°C (-4 ~ 122°F )
Float charging voltage(25°C)		2.20 to 2.24V
Cyclic charging voltage(25°C)		2.35 to 2.40V
Maximum charging current		75A
Terminal material		Copper
Number of Terminal		1 pair
Maximum discharge current		600A(5 sec.)

- Tubular Positive Plate;
- Flooded Battery;
- Transparent Container.

**Dimensions**



**Cycle Life(25°C)**



Note: Designed floating life is more than 20 years at 20°C.

**Constant Current Discharge Characteristics (A, 25°C)**

F.V/TIME	1min	5min	10min	15min	30min	45min	60min	2h	3h	5h	8h	10h	20h
1.60V	420	360	351	318	246	180	168	100	79.2	54.8	35.6	30.5	16.7
1.65V	399	349	340	312	241	176	165	99.9	78.7	54.5	35.4	30.4	16.7
1.70V	382	335	326	302	234	171	160	99.0	78.0	54.3	35.3	30.3	16.7
1.75V	353	320	312	295	228	167	156	98.2	77.4	54.0	35.1	30.2	16.6
1.80V	332	302	295	284	220	161	150	97.0	76.4	53.5	34.7	30.0	16.5
1.85V	315	284	277	275	213	156	145	95.6	75.3	52.7	34.3	29.8	16.4

**Constant Power Discharge Characteristics (Watt, 25°C)**

F.V/TIME	1min	5min	10min	15min	30min	45min	60min	2h	3h	5h	8h	10h	20h
1.60V	672	630	632	582	460	315	319	194	155	108	70.5	60.6	33.5
1.65V	638	611	613	570	451	309	313	193	154	107	70.1	60.5	33.4

**NorBat tubular single cell****OPzS Series**

1.70V	612	586	588	553	437	299	303	191	153	107	69.9	60.3	33.3
1.75V	564	561	562	539	426	292	296	190	152	106	69.5	60.1	33.2
1.80V	531	529	531	520	411	281	285	187	150	105	68.8	59.7	33.0
1.85V	504	498	499	503	398	272	276	185	148	104	67.8	59.2	32.7