

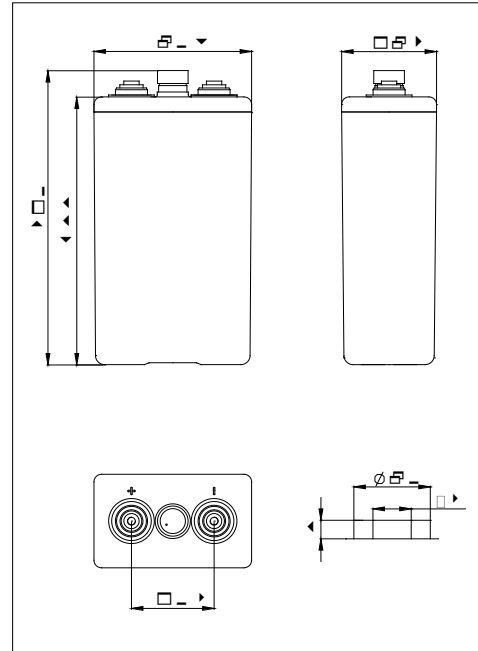
CFPS2250 (2V250Ah)

Specifications

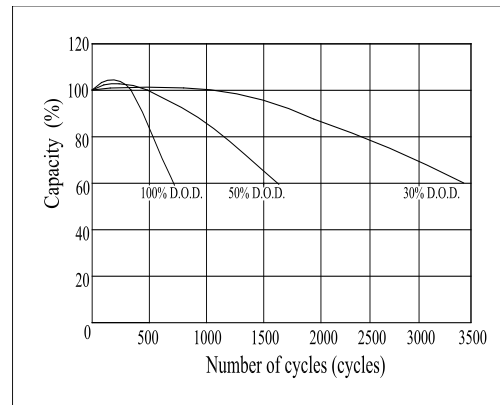
Nominal Voltage		2 V
Capacity(10HR, 25°C)		250Ah
Dimension	Length	206mm (8.11inch)
	Width	124mm (4.88inch)
	Height	355mm (13.97inch)
	Total Height	410mm (16.14inch)
Battery Weight	Dry	Approx. 15.5kg
	Wet	Approx. 20.5kg
Acid Weight		Approx. 5kg
Acid Density(25°C)		1.24 g/cm ³
Capacity affected by temperature (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		62.5A
Terminal material		Copper
Number of Terminal		1 pairs
Maximum discharge current		500A(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	350	300	293	265	205	150	140	83.7	66.0	45.7	29.7	25.4	14.0
1.65V	333	291	284	260	201	147	137	83.2	65.6	45.4	29.5	25.3	13.9
1.70V	319	279	272	252	195	143	133	82.5	65.0	45.3	29.4	25.3	13.9
1.75V	294	267	260	246	190	139	130	81.8	64.5	45.0	29.3	25.2	13.8
1.80V	277	252	246	237	183	134	125	80.9	63.7	44.6	29.0	25.0	13.8
1.85V	263	237	231	229	177	130	121	79.7	62.8	43.9	28.5	24.8	13.6

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	560	525	527	485	383	263	266	162	129	90.0	58.8	50.5	27.9
1.65V	532	509	511	475	376	257	261	161	129	89.4	58.4	50.4	27.9
1.70V	510	488	490	461	364	249	253	159	127	89.2	58.3	50.2	27.8

NorBat tubular single cell**OPzS Series**

1.75V	470	467	469	450	355	243	247	158	126	88.7	57.9	50.0	27.7
1.80V	442	441	442	433	342	234	238	156	125	87.8	57.3	49.8	27.5
1.85V	420	415	416	419	332	227	230	154	123	86.5	56.5	49.4	27.3