



Model	Voltage (V)	Capacity (Ah)	Dimension								Weight (Approx.)		Terminal Type
			Length		Width		Height		T.Height		(kg)	(Lb)	
OPzV12-60	12	60	260	10.2	169	6.7	210	8.3	235	9.3	23.0	50.7	F11
OPzV12-80	12	80	328	12.9	172	6.8	222	8.7	222	8.7	30.5	67.2	F12
OPzV12-100	12	100	407	16.0	177	7.0	225	8.9	225	8.9	34.5	76.1	F12
OPzV12-120	12	120	483	19.0	170	6.7	240	9.4	240	9.4	45.9	101.2	F12
OPzV12-140	12	140	530	20.9	209	8.2	214	8.4	219	8.6	43.5	95.9	F12
OPzV12-160	12	160	530	20.9	209	8.2	214	8.4	219	8.6	51.5	113.5	F12
OPzV12-180	12	180	522	20.6	240	9.4	219	8.6	240	9.4	65.0	143.3	F10
OPzV12-200	12	200	520	20.5	268	10.6	220	8.7	225	8.9	73.0	160.9	F14
OPzV12-160C	12	160	530	20.9	209	8.2	214	8.4	219	8.6	57.0	125.7	F12
OPzV2-200	2	200	103	4.1	206	8.1	355	14.0	390	15.4	16.8	37.0	F10
OPzV2-250	2	250	124	4.9	206	8.1	355	14.0	390	15.4	20.5	45.2	F10
OPzV2-300	2	300	145	5.7	206	8.1	355	14.0	390	15.4	23.5	51.8	F10
OPzV2-350	2	350	124	4.9	206	8.1	471	18.5	506	19.9	26.5	58.4	F10
OPzV2-420	2	420	145	5.7	206	8.1	471	18.5	506	19.9	30.8	67.9	F10
OPzV2-500	2	500	166	6.5	206	8.1	471	18.5	506	19.9	35.0	77.2	F10
OPzV2-600	2	600	145	5.7	206	8.1	646	25.4	681	26.8	44.5	98.1	F10
OPzV2-770	2	770	253	10.0	210	8.3	471	18.5	506	19.9	56.0	123.5	F10
OPzV2-800	2	800	191	7.5	210	8.3	646	25.4	681	26.8	59.5	131.2	F10
OPzV2-1000	2	1000	233	9.2	210	8.3	646	25.4	681	26.8	70.0	154.3	F10
OPzV2-1200	2	1200	275	10.8	210	8.3	646	25.4	681	26.8	82.0	180.8	F10
OPzV2-1500	2	1500	275	10.8	210	8.3	796	31.3	831	32.7	98.5	217.2	F10
OPzV2-2000	2	2000	399	15.7	214	8.4	772	30.4	807	31.8	150	330.7	F10
OPzV2-2500	2	2500	487	19.2	212	8.3	772	30.4	807	31.8	174	383.6	F10
OPzV2-3000	2	3000	576	22.7	212	8.3	772	30.4	807	31.8	210	463.0	F10

Application of scene graph



Introduction

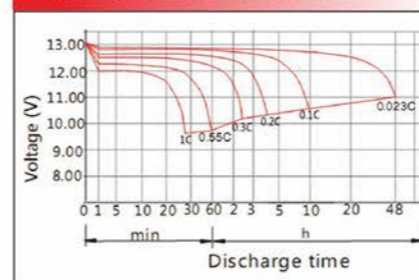
OPzV Battery Series is a Valve Regulated Lead Acid battery that adopts immobilized GEL and Tubular Plate technology to offer high reliability and performance. The Battery is designed and manufactured according to DIN standards and with die-casting positive grid and patent formula of active material. OPzV series exceeds DIN standard values with more than 20 years floating design life at 25°C and is even more suitable for cyclic use under extreme operating conditions.

Voltage: 2V, 12V
 Capacity: 60AH~3000AH
 Service life: Designed floating service life 20 years at 20°C/68°F
 Designed cycle life more than 1200 cycles at 80% DOD at 20°C/68°F

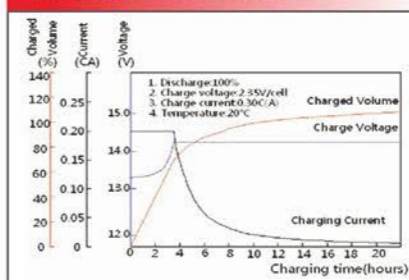
Typical Applications

- Telecommunication equipment
- Fire alarm and security devices
- Wind power system
- Electronic instruments
- Solar Power system
- UPS system

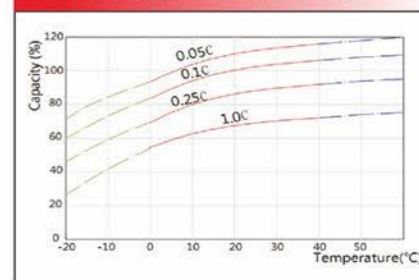
Discharge Characteristics(25°C)



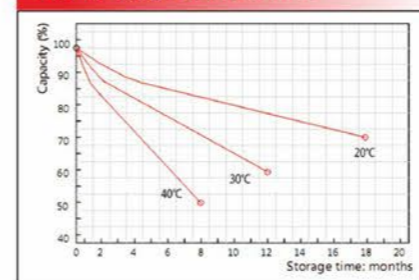
Charging Characteristics(25°C)



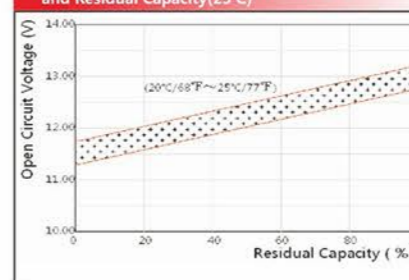
Effect of Temperature on Capacity



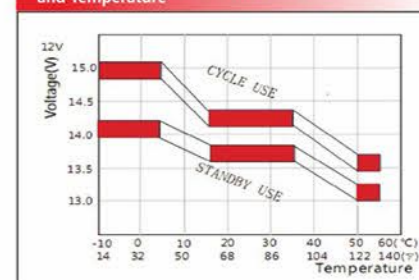
Self-discharge Characteristics



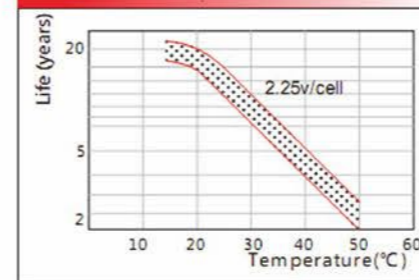
The Relationship for Open Circuit Voltage and Residual Capacity(25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

