

**EXIDE  
INDUSTRIAL**



# PLANTÉ

## STANDBY BATTERIES



Exide Industries Limited is the largest storage manufacturer in the country and has pioneered battery technology in India for over 70 years. It is the only company in South and South East Asia which designs and manufactures lead acid batteries from 2.5 Ah to 20400 Ah. Exide offers the latest series of Planté type stationary batteries in Transparent SAN containers for critical standby application, manufactured in its state of the art ISO 9001:2008 and ISO 14001: 2004 certified factory to fulfill its growing demand both in domestic and export market. The cells are designed to conform BIS specification IS 1652:2013

## PRODUCT FEATURES

- Excellent high discharge performance
- Transparent containers for easy maintenance
- Expected service life is greater than 20 years in standby float application at 25°C
- No ageing margin required as per IEEE485:1997
- Topping up frequency: once in 12/18 months
- Capable of rapid recharging
- Superior all round voltage profile and energy (Wh) output
- Much higher energy output compared to Tubular Cells of similar capacity
- Higher Ah and Wh efficiencies
- Conforms to BS 6290 : Part 2 : 1999, IS 1652 : 2013 and IEC 60896
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## Recommended Float Recharge

Temperature	Float Voltage
<5°C	2.300 ±0.02 VPC
5°C-19°C	2.27±0.02 VPC.
20°C-35°C	2.25±0.02 VPC.
36°C-45°C	2.23±0.02 VPC.

## APPLICATIONS

- Power Plants
- Substations
- Process industries
- UPS System
- C&I
- Emergency Lighting
- Telecommunication

Type of Cell	Capacity at 10 Hrs rate (Ah)	Charging Current (A)		Total Input during Initial Charging (Ah)	Weight of Cell +/- 5 % (KG)		Approx qty of Acid 1.205 sp gr (Litres)	Overall Cell Dimensions (mm)			Corresponding Cell Centres (mm)	Trickle Charge Current (mA)	
		Starting Rate	Finishing Rate		Without Acid	With Acid		Length +/-3	Breadth +/-3	Height +/-5		Min	Max

### YAP

YAP5	16	2	1	88	2.7	4.7	1.7	114	133	260	123	10	30
YAP7	24	3	2	132	3.5	5.4	1.6	114	133	260	123	15	45
YAP9	32	5	2.5	176	4.3	6.1	1.5	114	133	260	123	20	60
YAP11	40	6	3	220	5.4	8.8	2.9	190	133	260	199	30	90
YAP13	48	7	3.5	264	6.9	9.5	2.8	190	133	260	199	40	120
YAP15	56	8	4	308	7	10.2	2.7	190	133	260	199	45	135
YAP17	64	9	4.5	352	7.8	11	2.6	190	133	260	199	50	150

### YKP

YKP7	75	11	5.5	413	10.5	18.2	6.5	134	203	426	211	60	180
YKP9	100	14	7	550	13.5	21	6.3	134	203	426	211	80	240
YKP11	125	18	9	688	27.25	22.4	5.8	173	203	426	211	100	300
YKP13	150	21	10.5	825	18	24.4	5.4	173	203	426	211	125	375
YKP15	175	25	12.5	963	19.7	28.7	7.6	210	203	426	211	140	420
YKP17	200	28	14	1100	22	30.7	7.3	210	203	426	211	160	480
YKP19	225	32	16	1238	24.3	34.9	8.9	248	203	426	211	180	540
YKP21	250	35	17.5	1375	26.7	36.9	8.6	248	203	426	211	200	600
YKP23	275	39	20	1513	29.1	41.4	10.3	286	203	426	211	220	660
YKP25	300	42	21	1650	31.5	43.4	10	286	203	426	211	240	720
YKP27	325	46	23	1788	36.3	52.6	13.7	362	203	426	211	260	780
YKP29	350	49	24.5	1925	38.5	54.4	13.4	362	203	426	211	280	840
YKP31	375	53	26.5	2063	40.8	56.4	13.1	362	203	426	211	300	900
YKP33	400	56	28	2200	43.2	58.4	12.8	362	203	426	211	320	960
YKP35	425	60	30	2338	45.6	60.4	12.5	362	203	426	211	340	1020

### YHP

YHP11	535	75	37.5	2943	60.1	92.8	27.1	230	368	682	238	300	600
YHP13	645	90	45	3548	70.5	101.5	25.7	230	368	682	238	360	720
YHP15	750	105	52.5	4125	78.5	108.0	24.5	230	368	682	238	420	840
YHP17	860	120	60	4730	96.3	172.6	63.3	433	368	682	376	480	960
YHP19	965	135	67.5	5308	104.5	179.2	62	433	368	682	376	550	1100
YHP21	1070	150	75	5885	116.6	189.7	60.7	433	368	682	376	600	1200
YHP23	1180	165	82.5	6490	126.1	197.7	59.4	433	368	682	376	660	1320
YHP25	1285	180	90	7068	134	204.0	58.1	433	368	682	376	720	1440
YHP27	1395	195	97.5	7673	145.5	211.5	54.8	433	368	682	376	780	1560
YHP29	1500	210	105	8250	155	219.5	53.5	433	368	682	376	850	1700
YHP31	1605	225	112.5	8828	174	254.3	66.6	509	368	682	376	900	1800
YHP33	1715	240	120	9433	184	262.6	65.2	509	368	682	376	960	1920
YHP35	1820	255	127.5	10010	194	271.0	63.9	509	368	682	376	1025	2050
YHP37	1930	270	135	10615	208	300.5	76.8	585	368	682	376	1100	2200
YHP39	2035	285	142.5	11193	218	309.1	75.6	585	368	682	376	1150	2300
YHP41	2140	300	150	11770	230	319.3	74.1	585	368	682	376	1200	2400
YHP43	2250	315	157.5	12375	242	329.6	72.7	585	368	682	376	1250	2500

\*Tolerance for Overall Height : +/- 5mm



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