EXIDE

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INDUSTRIAL

PLANTÉ

STANDBY BATTERIES

Exide Industries Limited, is the largest storage battery manufacturer in the country and is the pioneer of battery technology in India for over 65 years. It manufactures Planté batteries with superior high discharge characteristics from 16 Ah to 2250 Ah. It is the only company in South & South East Asia which design and manufacture Lead Acid batteries from 2.5 Ah to 20,400 Ah. The batteries are manufactured in its state of the Art ISO 9000 : 2008 and ISO 14001 : 2004 certified factories to fulfill the growing demand in domestic and Export market.

PRODUCT FEATURES

● Excellent high rate discharge performance. ● Transparent containers for easy maintenance. ● Expected service life is greater than 20 years in standby float application at 25°C. ● No aging margin required as per IEEE 485 : 1997. ● Topping up frequency : once in 12/18 months. ● Capable of rapid recharging. ● Insulated Inter cell Connectors. ● 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. ● Conform to BS 6290 : Part 2 : 1999, IS 1652 : 1991 and IEC 60896.

Recommended Float Recharge

Temperature	Float Voltage
<5°C	2.30±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

Technical Data for Exide Planté Cells

Type of Cell	Capacity at 10 Hrs rate (Ah)	Charging Current (A)		Total Input during Inital Charging (Ah)	Weight of cell +/- 5% (KG)		Approx Qty of acid 1.19 sp. gr. (Litres)	Overall Cell Dimensions +/- 3 mm			Corresponding cell centres (mm)	Trickle Charge Current (mA)	
		Starting Rate	Finishing Rate		Without Acid	With Acid		Length	Breadth	Height*		Min	Max
YAP 5	16	2.00	1.00	88	2.70	4.70	1.70	114	133	260	123	10	30
YAP 7	24	3.40	1.70	132	3.50	5.40	1.60	114	133	260	123	15	45
YAP 9	32	5.00	2.50	176	4.30	6.10	1.50	114	133	260	123	20	60
YAP 11	40	6.00	3.00	220	5.40	8.80	2.90	190	133	260	199	30	90
YAP 13	48	7.00	3.50	264	6.90	9.50	2.80	190	133	260	199	40	120
YAP 15	56	8.00	4.00	308	7.00	10.20	2.70	190	133	260	199	45	135
YAP 17	64	9.00	4.50	352	7.80	11.00	2.60	190	133	260	199	50	150
YKP 7	75	10.50	5.25	413	10.50	15.90	4.50	134	203	352	211	60	180
YKP 9	100	14.00	7.00	550	12.50	17.80	4.40	134	203	352	211	80	240
YKP 11	125	18.00	9.00	688	18.00	24.40	5.80	173	203	426	211	100	300
YKP 13	150	21.00	10.50	825	22.40	27.25	5.40	173	203	426	211	125	375
YKP 15	175	24.50	12.25	963	19.70	28.70	7.60	210	203	426	211	140	420
YKP 17	200	28.00	14.00	1100	22.00	30.70	7.30	210	203	426	211	160	480
YKP 19	225	32.00	16.00	1238	24.30	34.90	8.90	248	203	426	211	180	540
YKP 21	250	35.00	17.50	1375	26.70	36.90	8.60	248	203	426	211	200	600
YKP 23	275	38.50	19.25	1513	29.10	41.40	10.30	286	203	426	211	220	660
YKP 25	300	42.00	21.00	1650	31.50	43.40	10.00	286	203	426	211	240	720
YKP 27	325	46.00	23.00	1788	36.30	52.60	13.70	362	203	426	211	260	780
YKP 29	350	49.00	24.50	1925	38.50	54.40	13.40	362	203	426	211	280	840
YKP 31	375	52.50	26.25	2063	40.80	56.40	13.10	362	203	426	211	300	900
YKP 33	400	56.00	28.00	2200	43.20	58.40	12.80	362	203	426	211	320	960
YKP 35	425	60.00	30.00	2338	45.60	60.40	12.50	362	203	426	211	340	1020
YHP 11	535	75.00	37.50	2943	64.30	96.70	27.10	230	368	682	238	300	600
YHP 13	645	90.00	45.00	3548	74.80	105.40	25.70	230	368	682	238	360	720
YHP 15	750	105.00	52.50	4125	79.20	180.70	24.50	230	368	682	238	420	840
YHP 17	860	120.00	60.00	4730	104.10	179.50	63.30	433	368	682	376	480	960
YHP 19	965	135.00	67.50	5308	114.40	188.20	62.00	433	368	682	376	550	1100
YHP 21	1070	150.00	75.00	5885	124.70	196.90	60.70	433	368	682	376	600	1200
YHP 23	1180	165.00	82.50	6490	135.00	205.70	59.40	433	368	682	376	660	1320
YHP 25	1285	180.00	90.00	7068	145.30	214.40	58.10	433	368	682	376	720	1440
YHP 27	1395	195.00	97.50	7673	155.60	220.80	54.80	433	368	682	376	780	1560
YHP 29	1500	210.00	105.00	8250	165.90	229.60	53.50	433	368	682	376	850	1700
YHP 31	1605	225.00	112.50	8828	181.70	261.00	66.60	509	368	682	376	900	1800
YHP 33	1715	240.00	120.00	9433	192.00	269.60	65.20	509	368	682	376	960	1920
YHP 35	1820	255.00	127.50	10010	202.30	278.30	63.90	509	368	682	376	1025	2050
YHP 1850	1850	259.00	129.50	10175	202.30	279.00	63.90	509	368	682	376	1035	2070
YHP 37	1930	270.00	135.00	10615	215.90	307.30	76.80	585	368	682	376	1100	2200
YHP 39	2035	285.00	142.50	11193	225.90	315.70	75.60	585	368	682	376	1150	2300
YHP 41	2140	300.00	150.00	11770	236.20	324.40	74.10	585	368	682	376	1200	2400
YHP 43	2250	315.00	157.50	12375	246.60	333.10	72.70	585	368	682	376	1250	2500

*Tolerance for Overall Height : +/- 5 mm

EXIDE

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