

HBL NIFE - KFX

Nickel-Cadmium Fibre Plate Batteries



Engine Starting Battery



HBL NIFE Power Systems Ltd.

KFX - RANGE CELL CAPACITIES AND CELL DIMENSION

The Nickel Cadmium Fibre Plate batteries provides a very high conducting density thereby giving high electrical performance suitable especially for

- Engine Starting
- High Switching use
- UPS
- Train Application

Cell Type	Capacity at 5 hour rate	Cell dimension in (mm)			Cell Connection Bolt Size (S)	Approximate Weight of the Cell in (Kg)	Approximate Electrolyte Volume Between the Level Marks (L)
		Height	Width	Length			
KFX 11 P	11	229	86	61	M8	1.30	0.12
KFX 16 P	16	239	134	44	M8	1.70	0.16
KFX 25 P	25	289	134	59	M8	2.50	0.18
KFX 38 P	38	374	134	74	M8	3.60	0.24
KFX 45 P	45	374	134	74	M10	5.10	0.50
KFX 60 P	60	349	195	183	M10	5.50	0.50
KFX 75 P *	75	349	195	183	2 x M10	16.50	1.60
KFX 90 P *	90	349	195	183	2 x M10	18.80	1.60
KFX 100 P	100	391	134	101	2 x M10	9.80	0.70
KFX 120 P	120	417	159	107	2 x M10	11.00	0.82

* 2 Cell block (2.4 v)

Discharge Currents in Amperes at 20+ 5°C for a fully charged cell to ECV-0.85 V/cell

Cell Type	Capacity Ah	1 sec	5 sec	10 sec	30 sec	1 min	90 sec	5 min
KFX 11 P	11	355	324	296	245	205	177	90
KFX 16 P	16	516	462	422	400	340	287	137
KFX 25 P	25	763	663	620	550	470	424	223
KFX 38 P	38	1160	1008	942	836	714	627	339
KFX 45 P	45	1505	1308	1192	1019	855	751	406
KFX 60 P	60	1653	1493	1402	1231	1112	982	542
KFX 75 P	75	2066	1867	1753	1539	1389	1227	677
KFX 90 P	90	2479	2240	2103	1847	1667	1473	812
KFX 100 P	100	2755	2489	2337	2052	1853	1637	903
KFX 120 P	120	3306	2987	2804	2462	2223	1964	1083

Discharge Currents in Amperes at 20+ 5°C for a fully charged cell to ECV-0.65 V/cell

Cell Type	Capacity Ah	1 sec	5 sec	10 sec	30 sec	1 min	5 min	10 min
KFX 11 P	11	480	435	405	345	280	92	50
KFX 16 P	16	750	640	590	520	440	145	82
KFX 25 P	25	1050	972	908	790	690	240	120
KFX 38 P	38	1600	1480	1380	1220	1050	350	186
KFX 45 P	45	2040	1800	1680	1470	1250	420	200
KFX 60 P	60	2320	2230	2120	1840	1560	580	285
KFX 75 P	75	2800	2650	2500	2100	1840	700	360
KFX 90 P	90	3480	3300	3100	2720	2260	820	420
KFX 100 P	100	3800	3620	3410	3000	2450	910	460
KFX 120 P	120	4500	4300	4000	3600	2900	1090	550

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