

**CHANGZHOU HUAKE NEW ENERGY TECHNOLOGY CO.,LTD**

Add: No. 9 of Xinke Rd, Xinbei District, Changzhou City 213031, Jiangsu, P.R.China  
 Web : www.hecobattery.com Email: hecobattery@126.com Tel: 86-0519 88222196 Fax:86-519-83604599

**Datasheet on HECO LiFePO4 Cells****I. LiFePO4 Cell in Soft-package (pouch ) case**

Model	Nominal Voltage	Nominal Capacity	Resistance	Coninuous Discharge Current	Discharge Cut-off Voltage	Charge Current	Charge Cut-off Voltage	Dimensions (MAX)	Approx Weight	Cycle Life
	V	Ah	mΩ	A	V	A	V	mm(T*W*L)	g	
967795	3.2	5	≤7	≤3C	2.3	≤1C	3.65	9.6*77*95	125	≥2000
8565E5	3.2	6	≤6.5	≤3C	2.3	≤1C	3.65	8.5*65*145	160	≥2000
0982D5	3.2	7	≤6	≤3C	2.3	≤1C	3.65	9.0*82*135	171	≥2000
1268D5	3.2	8	≤5	≤3C	2.3	≤1C	3.65	12*68*135	205	≥2000
1280A5	3.2	8	≤5	≤3C	2.3	≤1C	3.65	12*80*105	192	≥2000
1260J0	3.2	10	≤4	≤3C	2.3	≤1C	3.65	12*60*190	245	≥2000
1282D5	3.2	10	≤4	≤3C	2.3	≤1C	3.65	12*82*135	240	≥2000
11A8F5	3.2	15	≤3	≤3C	2.3	≤1C	3.65	11*108*155	347	≥2000
12C0J0	3.2	20	≤2	≤3C	2.3	≤1C	3.65	12*120*190	530	≥2000
10E0L0	3.2	25	≤2	≤3C	2.3	≤1C	3.65	10*140*210	640	≥2000
12E0L0	3.2	30	≤2	≤3C	2.3	≤1C	3.65	12*140*210	720	≥2000

**II. LiFePO4 cell in Aluminum case**

Model	Nominal Voltage	Nominal Capacity	Resistance	Coninuous Discharge Current	Discharge Cut-off Voltage	Charge Current	Charge Cut-off Voltage	Dimensions (MAX)	Approx Weight	Cycle Life
	V	Ah	mΩ	A	V	A	V	mm(T*W*L)	kg	
1865145	3.2	10	≤3.5	≤3C	2.3	≤1C	3.65	18*65*145	0.33	≥2000
2770180	3.2	20	≤2	≤3C	2.3	≤1C	3.65	27*70*180	0.62	≥2000
36130190	3.2	60	≤2	≤3C	2.3	≤1C	3.65	36*130*190	1.65	≥2000
54131262	3.2	100	≤1	≤3C	2.3	≤1C	3.65	54*131*262	3.2	≥2000
70256242	3.2	200	≤0.4	≤3C	2.3	≤1C	3.65	70*256*242	6.4	≥2000

**III. LiFePO4 cell in Plastic case**

Model	Nominal Voltage	Nominal Capacity	Resistance	Coninuous Discharge Current	Discharge Cut-off Voltage	Charge Current	Charge Cut-off Voltage	Dimensions (including the)	Approx Weight	Cycle Life
	V	Ah	mΩ	A	V	A	V	mm(T*W*L)	kg	
40102170	3.2	20	≤2	≤3C	2.3	≤1C	3.65	40*102*170	0.88	≥2000
50153195	3.2	50	≤1	≤3C	2.3	≤1C	3.65	50*153*195	2	≥2000
61114210	3.2	60	≤1	≤3C	2.3	≤1C	3.65	61*114*210	2.11	≥2000
70150225	3.2	100	≤0.5	≤3C	2.3	≤1C	3.65	70*150*225	3.5	≥2000
85170245	3.2	160	≤0.4	≤3C	2.3	≤1C	3.65	85*170*245	5.6	≥2000
60225345	3.2	200	≤0.3	≤3C	2.3	≤1C	3.65	60*225*345	6.4	≥2000

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