LITHIUM BATTERY SPECIFICATION GUIDE

Specifications for Polinovel's Lithium Battery (LiFePO4)

Application - RV, Motorhome, Marine, Golf Cart, Electric Vehicle, Solar Storage System etc.

12V Lithium Batteries Packaged in Plastic Case

Model No.	Voltage (V)	Capacity (Ah)	Energy (Wh)	Standard Charge Current (A)	Max. Continuous Discharge (A)	Peak Discharge (A)	Dimensions (mm)			Weight (kg)
							Length	Width	Height	
HD SERIES (32650 Cylindrical Cell With Strong & Durable Structure)										
HD1240	12.8	40	512	8	40	80 (<5S)	197	165	170	6.2
HD1250	12.8	50	640	10	50	100 (<5S)	197	165	170	7.5
HD1280	12.8	80	1024	20	100	200 (<5S)	279	175	188	11
HD1290	12.8	90	1152	20	**160**	320 (<5S)	353	175	190	12
HD12100	12.8	100	1280	20	100	200 (<5S)	329	172	214	14.3
HD12100B	12.8	100	1280	20	**160**	320 (<5S)	329	172	214	14.5
HD12120	12.8	120	1536	30	100	200 (<5S)	340	175	280	15
HD12120B	12.8	120	1536	30	**160**	320 (<5S)	340	175	280	17
HD12150	12.8	150	1920	30	100	200 (<5S)	485	170	220	20
HD12150B	12.8	150	1920	30	**160**	320 (<5S)	485	170	220	20.6
HD12180	12.8	180	2304	40	100	200 (<5S)	485	170	220	23
HD12180B	12.8	180	2304	40	**160**	320 (<5S)	485	170	220	23.7
HD12200	12.8	200	2560	40	100	200 (<5S)	520	240	220	27
HD12200B	12.8	200	2560	40	**160**	320 (<5S)	520	240	220	27.8
HD12240	12.8	240	3072	50	100	200 (<5S)	520	269	220	32.5
HD12240B	12.8	240	3072	50	**160**	320 (<5S)	520	269	220	33
HD12300	12.8	300	3840	60	100	200 (<5S)	520	269	220	35
HD12300B	12.8	300	3840	60	**160**	320 (<5S)	520	269	220	36
HDN SERIES (SOC Display &/ USB Charger)										
HDN1250	12.8	50	640	25	50	100 (<5S)	197	165	170	6.5
HDN1260	12.8	60	768	25	55	100 (<5S)	197	165	170	7.5
HDN12100	12.8	100	1280	50	100	200 (<5S)	329	172	214	15
HDN12120	12.8	120	1536	50	100	200 (<5S)	340	175	280	16
HDN12180	12.8	180	2304	50	100	200 (<5S)	485	170	220	22
HDN12200	12.8	200	2560	100	100	200 (<5S)	520	240	220	26
HDN12300	12.8	300	3840	100	100	200 (<5S)	520	269	220	40
HDN2450	25.6	50	1280	25	50	100 (<5S)	329	172	214	15
HDN2460	25.6	60	1536	25	55	100 (<5S)	340	175	280	16
HDN24100	25.6	100	2560	50	100	200 (<5S)	520	240	220	26
HDN24120	25.6	120	3072	50	100	200 (<5S)	520	269	220	36
HDN24150	25.6	150	3840	50	100	200 (<5S)	520	269	220	40

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Model No.	Voltage (V)	Capacity (Ah)	Energy (Wh)	Standard Charge Current (A)	Max. Continuous Discharge (A)	Peak Discharge (A)	Dimensions (mm)			Weight (kg)
							Length	Width	Height	
NOVEL SERIES (Bluetooth Monitoring Function)										
NOVEL1220	12.8	20	256	10	30	50 (<30mS)	181	77	165	2.9
NOVEL1250	12.8	50	640	25	50	175A(<1s), 240A(<30ms)	197	165	170	6.8
NOVEL12100	12.8	100	1280	60	100 (30mins)	400A(<1s), 500A(<30ms)	318	165	215	12.5
NOVEL12125	12.8	125	1600	60	100 (30mins)	350 (<3S)	318	165	215	15
NOVEL12200	12.8	200	2560	80	200 (30mins)	400 (<5S)	485	170	245	25.5
NOVEL12300	12.8	300	3840	80	200 (30mins)	450 (<5S)	520	269	220	37.7
DT SERIES (Mainstream 18650/26650 Cylindrical Cell Welding Structure)										
DTL127.5	12.8	7.5	96	2	10	15 (<5S)	151	65	93.5	1.2
DTL1232	12.8	32	409.6	10	20	60 (<5S)	195	130	164	4.6
DTL12100	12.8	100	1280	20	100	200 (<5S)	342	173	212	13.5
DTL12150	12.8	150	1920	30	100	250 (<5S)	483	170	235	20.5
DTL12200	12.8	200	2560	40	100	300 (<5S)	483	170	235	27.5
12 Lithium-ion SERIES (3S & 4S Li-NMC)										
LCR3S1210	11.1	10	111	2	10	20 (<5S)	151	98.5	98.5	1.2
LCR3S1220	11.1	20	222	4	20	40 (<5S)	181	77	165	3.3
LCR3S1240	11.1	40	444	8	40	80 (<5S)	197	165	170	5.3
LCR3S1250	11.1	50	555	10	50	100 (<5S)	197	165	170	5.5
LCR3S1280	11.1	80	888	15	80	150 (<5S)	260	170	220	11
LCR3S12100	11.1	100	1110	20	100	200 (<5S)	327	170	235	14
LCR4S1210	14.8	10	148	2	10	20 (<5S)	151	98.5	98.5	1.5
LCR4S1220	14.8	20	296	4	20	40 (<5S)	181	77	165	3.7
LCR4S1240	14.8	40	592	8	40	80 (<5S)	197	165	170	5.8
LCR4S1250	14.8	50	740	10	50	100 (<5S)	197	165	170	6
LCR4S1280	14.8	80	1184	15	80	150 (<5S)	260	170	220	11.5
LCR4S12100	14.8	100	1480	20	100	200 (<5S)	327	170	235	14.5










For more detail specification, welcome visit our website or send us email.

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