

Specifications for Polinovel's Lithium Battery (LiFePO4)

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

12V 24V 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	100	200 (<5S)	353	175	190	12
HD12100	12.8	100	1280	20	100	200 (<5S)	329	172	214	14.3
	12.8	100	1280	20	160	320 (<5S)	329	172	214	14.5
HD12120	12.8	120	1536	30	100	200 (<5S)	329	172	214	15
	12.8	120	1536	30	160	320 (<5S)	329	172	214	17
HD12150	12.8	150	1920	30	100	200 (<5S)	485	170	220	20
	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
	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
	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
	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
	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
HDN12100	12.8	100	1280	50	100	200 (<5S)	329	172	214	15
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
HDN24100	25.6	100	2560	50	100	200 (<5S)	520	240	220	26
HDN24150	25.6	150	3840	50	100	200 (<5S)	520	269	220	40

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							Length	Width	Height	
HT SERIES (Bluetooth Monitoring Lithium Battery)										
HT12100	12.8	100	1280	20	100	200 (<5S)	329	172	214	14.3
	12.8	100	1280	20	160	320 (<5S)	329	172	214	14.5
HT12180	12.8	180	2304	40	100	200 (<5S)	485	170	220	15
	12.8	180	2304	40	160	320 (<5S)	485	170	220	16
HT12200	12.8	200	2560	40	100	200 (<5S)	520	240	220	27
	12.8	200	2560	40	160	320 (<5S)	520	240	220	27.8
HT12240	12.8	240	3072	50	100	200 (<5S)	520	269	220	32.5
	25.6	240	6144	50	160	320 (<5S)	520	269	220	33
HT12300	25.6	300	7680	60	100	200 (<5S)	520	269	220	35
	25.6	300	7680	60	160	320 (<5S)	520	269	220	36
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
Arctic SERIES (Ultra Low Temperature Lithium Battery)										
Arctic 12100	12.8	100	1280	20	100	200 (<5S)	329	172	214	14.3
	12.8	100	1280	20	160	320 (<5S)	329	172	214	14.5
Arctic 12200	12.8	200	2560	40	100	200 (<5S)	520	240	220	27
	12.8	200	2560	40	160	320 (<5S)	520	240	220	27.8
Arctic 12300	12.8	300	3840	60	100	200 (<5S)	520	269	220	35
	12.8	300	3840	60	160	320 (<5S)	520	269	220	36

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