LiFePO4 Power Battery Series

51.2V / 64V / 76.8V Platforms, 30+ Models, Customizable

Product Description

Lithium iron phosphate (LiFePO4) power battery packs feature high energy density, long cycle life and safe, stable operation. The series covers 51.2V, 64V and 76.8V platforms with more than 30 models from 1536Wh to 24115Wh, widely used for electric vehicles and sightseeing vehicles. Custom packs can be engineered to vehicle requirements.

Key Specifications

Cell Chemistry	LiFePO4 (lithium iron phosphate)
Nominal Voltage	51.2V / 64V / 76.8V
Energy Range	1536Wh - 24115Wh
Weight Range	14 kg - 170 kg
Typical Applications	Electric vehicles, sightseeing vehicles, low-speed vehicles

Model & Dimension Table

Design dimensions in mm (L x W x H). Multiple energy / outline options per voltage platform; custom engineering available per vehicle requirements.

Model	Voltage (V)	Energy (Wh)	Weight (kg)	L (mm)	W (mm)	H (mm)
51.2V35#	51.2	1536	14	210	180	190
64V60#	64	3200	30	400	268	180
64V80#	64	4288	35	440	235	170
64V100#	64	5888	43	460	270	170
64V110#	64	6400	51	435	270	225
64V120#	64	6656	53	560	330	180
64V130#	64	7616	59	455	360	220
64V150#	64	9280	62	545	300	265
64V160#	64	9280	66	625	285	225
64V180#	64	10560	85	635	295	280
64V200# (S)	64	11520	79	490	390	270
64V200# (L)	64	11520	96	625	340	280
76.8V60#	76.8	3840	38	460	235	170

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76.8V80#	76.8	5145	42	535	250	200
76.8V100# (S)	76.8	7065	49	460	270	170
76.8V100# (L)	76.8	7065	49	560	230	170
76.8V110#	76.8	7680	60	510	270	225
76.8V130# (S)	76.8	9140	70	580	355	225
76.8V130# (L)	76.8	9140	70	650	305	235
76.8V150#	76.8	11136	72	545	300	265
76.8V160#	76.8	11136	77	625	285	250
76.8V180#	76.8	12672	90	635	295	280
76.8V200# (L)	76.8	13824	97	630	340	280
76.8V210# (Sq)	76.8	13824	90	490	445	270
76.8V220#	76.8	15360	99	640	330	300
76.8V240#	76.8	17664	120	715	340	265
76.8V300# (L)	76.8	21504	164	910	360	280
76.8V300# (Sq)	76.8	21504	164	740	510	270
76.8V320# (L)	76.8	24115	170	910	360	280
76.8V320# (Sq)	76.8	24115	170	740	510	270

Available Models

51.2V35# | 64V60# - 64V200# (12 models) | 76.8V60# - 76.8V320# (18 models) | Custom packs on request

Notes

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