

PRIVATE LABEL LiFePO₄ BATTERY PROGRAM



Discover Energy Systems LiFePO₄ battery program is a private label solution for distributors and OEMs seeking to leverage their own brand. LiFePO₄ batteries are available in all the standard sizes and popular capacities, making it simple to work with existing customers and applications.

All LiFePO₄ batteries are manufactured with a high-performance Battery Management System (BMS) featuring superior peak power, fast charge and discharge rates. Optional self-heating for cold environment operation is also available. A brandable Bluetooth app is available to monitor and troubleshoot batteries in the field.

With decades of battery development experience, Discover offers a streamlined process making private branding an attractive strategy for those looking to offer their own high-performance LiFePO₄ batteries with minimal effort and risk.

Part No.	Ind Ref.	Volts	Capacity	Energy	Length	Width	Height	Weight	Terminal Type
			(Ah)	(Wh)		(mm / in)		(kg / lbs)	
DLC 8-12V	12V7AH	12.8	8	102.4	151 / 5.9	65 / 2.6	94 / 3.7	0.95 / 2.1	F2
DLC 10-12V	12V10AH	12.8	10	128	151 / 5.9	65 / 2.6	94 / 3.7	0.95 / 2.1	F2
DLC 12-12V	12V12AH	12.8	12	153.6	151 / 5.9	98 / 3.9	95 / 3.7	1.45 / 3.2	F2
DLC 15-12V	12V12AH	12.8	15	192	151 / 5.9	65 / 2.6	94 / 3.7	1.4 / 3.1	F2
DLC 24-12V	12V18AH	12.8	24	307.2	181 / 7.1	77 / 3.0	167 / 6.6	2.8 / 6.2	M5
DLC 54U1-12V	GU1	12.8	54	691.2	197 / 7.8	135 / 5.3	195 / 7.7	6.5 / 14.3	M6
DLC 60G51-12V	G51	12.8	60	768	229 / 9.0	138 / 5.4	208 / 8.2	7.3 / 16.1	M6
DLC 84G24-12V	G24 / 34	12.8	84	1075.2	260 / 10.2	169 / 6.7	210 / 8.3	10.8 / 23.8	M8
DLC 84G24-12V-H*	G24 / 34	12.8	84	1075.2	260 / 10.2	169 / 6.7	210 / 8.3	10.8 / 23.8	M8
DLC 105G24-12V	G24 / 34	12.8	105	1344	260 / 10.2	169 / 6.7	210 / 8.3	10.5 / 23.1	M8
DLC 105G24-12V-H*	G24 / 34	12.8	105	1344	260 / 10.2	169 / 6.7	210 / 8.3	10.5 / 23.1	M8
DLC 105G31-12V	G31 / 30H	12.8	105	1344	330 / 13.0	172 / 6.8	215 / 8.5	10.8 / 23.8	M8
DLC 105G31-12V-H*	G31 / 30H	12.8	105	1344	330 / 13.0	172 / 6.8	215 / 8.5	10.8 / 23.8	M8
DLC 150-12V	-	12.8	150	1920	354 / 13.9	174 / 6.9	216 / 8.5	14.6 / 32.1	M8
DLC 150-12V-H*	-	12.8	150	1920	354 / 13.9	174 / 6.9	216 / 8.5	14.6 / 32.1	M8
DLC 200-12V	-	12.8	200	2560	483 / 19.0	170 / 6.7	240 / 9.4	19.5 / 42.9	M8
DLC 200-12V-H*	-	12.8	200	2560	483 / 19.0	170 / 6.7	240 / 9.4	19.5 / 42.9	M8
DLC 300G8D-12V	8D	12.8	300	3840	520 / 20.5	270 / 10.6	220 / 8.7	32 / 70.4	M8
DLC 300G8D-12V-H*	8D	12.8	300	3840	520 / 20.5	270 / 10.6	220 / 8.7	32 / 70.4	M8
DLC 400G8D-12V	8D	12.8	400	5120	520 / 20.5	270 / 10.6	220 / 8.7	41 / 90.2	M8
DLC 400G8D-12V-H*	8D	12.8	400	5120	520 / 20.5	270 / 10.6	220 / 8.7	41 / 90.2	M8
DLC 12-24V	12V18AH	25.6	12	307.2	181 / 7.1	77 / 3.0	167 / 6.6	2.8 / 6.2	M5
DLC 30G51-24V	G51	25.6	30	768	229 / 9.0	138 / 5.4	208 / 8.2	7.3 / 16.1	M6



Part No.	Ind Ref.	Volts	Capacity	Energy	Length	Width	Height	Weight	Terminal Type
			(Ah)	(Wh)				(mm / in)	
DLC 50G31-24V	G31 / 30H	25.6	50	1280	330 / 13.0	172 / 6.8	215 / 8.5	12.8 / 28.2	M8
DLC 50G31-24V-H*	G31 / 30H	25.6	50	1280	330 / 13.0	172 / 6.8	215 / 8.5	12.8 / 28.2	M8
DLC 100-24V	36V60AH	25.6	100	2560	483 / 19.0	170 / 6.7	240 / 9.4	19.5 / 42.9	M8
DLC 100-24V-H*	-	25.6	100	2560	483 / 19.0	170 / 6.7	240 / 9.4	19.5 / 42.9	M8
DLC 200G8D-24V	8D	25.6	200	5120	520 / 20.5	270 / 10.6	220 / 8.7	41 / 90.2	M8
DLC 200G8D-24V-H*	8D	25.6	200	5120	520 / 20.5	270 / 10.6	220 / 8.7	41 / 90.2	M8
DLC 60G31-36V	G31	38.4	60	2304	331 / 13.0	172 / 6.8	223 / 8.8	20 / 44.0	M8
DLC 110G8D-36V	8D	38.4	110	4220	521 / 20.5	268 / 10.6	224 / 8.8	42 / 92.4	M8
DLC 100G8D-48V	8D	51.2	100	5120	520 / 20.5	270 / 10.6	220 / 8.7	41 / 90.2	M8
DLC 100G8D-48V-H*	8D	51.2	100	5120	520 / 20.5	270 / 10.6	220 / 8.7	41 / 90.2	M8

* Heated battery.



Program Requirements:

- MOQ - 20FT container (12 pallets).
- Templates are provided for the creation of datasheets, manuals, and labelling.
- Documentation and brand creation is also available by quotation.

FEATURES

HIGH PERFORMANCE BMS

- Protection for over-charge, over discharge, over current and over temperature.
- Up to 3C Peak Power.

HEATED

- Optional integrated self-heating on models with more than 1kWh of energy.

BLUETOOTH

- Optional Bluetooth and App with customized brand for models with more than 1kWh of energy.

BENEFITS

RUNS LONGER

- 2x the high-current of lead-acid battery.
- Up to 100% usable capacity.

SURGE POWER

- Up to 3C Peak Power.
- Discharge Current up to 1C.

QUICK INSTALL

- Fast installation.
- No special tools.

LASTS LONGER

- 10x the life of lead-acid batteries (BCI-06).

HIGH-EFFICIENCY

- Up to 98% round-trip efficiency.

RELIABLE AND SAFE

- LiFePO₄ is safe, maintenance-free.
- IP65 rated.

CHARGES FASTER

- Up to 5x faster than new lead-acid batteries.
- Opportunity charge at 0.5C rate anytime, regardless of SoC.

PARALLEL POWER

- Easy to parallel for more capacity.
- Linear scaling of charge, discharge and peak capacity.



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