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About Clarios

Clarios, formerly Power Solutions, is a world leader in advanced energy storage solutions. We partner with our customers to meet increasing market demand for smarter applications, on a global scale. Our 16,000 employees develop, manufacture, and distribute a portfolio of evolving battery technologies for virtually every type of vehicle. Technologies that deliver uniquely sustainable, next-generation performance, and bring reliability, safety, and comfort to everyday lives. We add value at every link in the supply chain, contributing to the progress of the communities we serve and the planet we all share.

www.delkor.com

 CLARIOS

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Delkor®



THE POWER IS YOURS.



Power to go beyond

Established in 1985, Delkor® is part of Clarios, a world leader in advanced energy storage solutions. With over 16,000 employees, Clarios develops, manufactures and distributes evolving battery technologies for virtually every vehicle type. Today, one in three cars across the globe is powered by Clarios.

Award-winning quality

For 14 straight years since 2006, Delkor is the only brand to win the coveted top spot for automotive batteries at the Korean Quality Excellence Award, a prestigious award that celebrates product quality reflected by customer satisfaction.

Today, Delkor batteries are renowned for quality—in fact, one of the best in the world.

Unrivalled technology

Delkor batteries have access to the most advanced technologies and state-of-the-art production facilities.

It is what's inside that matters. Our patented proprietary PowerFrame® grid technology strengthens, reinforces, and makes all the difference to automotive batteries from within.

Keeps getting better

We believe the power of taking one more step into the future is in our hands. Pushing the horizons, we continue to innovate and set our sights on the next era of battery technology.

Going beyond what today beholds. The Power is Yours.



Battery ranges



Delkor® AGM

- For vehicles with advanced start-stop function and regenerative braking
- Reliable, delivering superior electrical performance for high electrical demand
- Safe, certified non-spillable. Suitable for mounting in any orientation
- Improved durability in hot climates with heat-deflection container design

Delkor Commercial

- Convenient maintenance-free battery, no topping up of fluid required
- Increased durability with high-strength polypropylene case
- Enhanced safety with heat-sealed covers and built-in spark arrestor
- Designed for highest vibration resistance
- Features enhanced grid design for greater durability



Delkor Calcium

- Preferential choice for all cars with conventional power requirements
- Made to last longer
- Convenient maintenance-free battery, no topping up of fluid required
- Suitable for most vehicles



Delkor Marine & Leisure

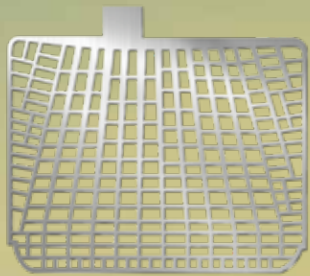
- Convenient maintenance-free battery, no topping up of fluid required
- Reliable electrical performance with wrought grid plates
- Increased durability with high-strength polypropylene case
- Enhanced safety with heat-sealed covers and built-in spark arrestor
- Ideal for dual-power applications



Delkor Lawn & Garden

- Convenient maintenance-free battery, no topping up of fluid required
- Minimal self-discharge
- Long-lasting performance
- Higher vibration resistance

Power to be on the edge of technology



PowerFrame® grid technology

Our batteries are not built with just any grid, but a PowerFrame grid*. A patented technology exclusive to Clarios, developed for reinforced battery strength. PowerFrame grids are made by rolling metals into strips that are then stamped into the grid shape*. Result? A stronger, more durable frame beyond comparison.

Structurally strong

Up to 66% more durable and corrosion-resistant.



Patterned for power

Provides superior cranking power with up to 70% better electrical flow.

Clean construction

Manufactured using 20% less energy and produces 20% fewer greenhouse gases than other manufacturing processes. PowerFrame on the outside, for True Strength™ on the inside.

Specification charts

Delkor® AGM

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
AGM LN1 / H4	LN1	50	520	80	206 x 174 x 189 mm	STD	0	B3	28
AGM LN2 / H5	LN2	60	640	100	241 x 174 x 189 mm	STD	0	B3	33
AGM LN3 / H6	LN3	70	760	120	276 x 174 x 189 mm	STD	0	B3	37
AGM LN4 / H7	LN4	80	800	120	314 x 174 x 189 mm	STD	0	B3	39
AGM LN5 / H8	LN5	95	900	160	352 x 174 x 189 mm	STD	0	B3	40
AGM B20 (S34B20R)	B20	35	340	57	195 x 126 x 224 mm	JIS	1	B0	3
AGM B24 (S46B24R)	B24	45	370	75	236 x 126 x 224 mm	JIS	1	B0	3

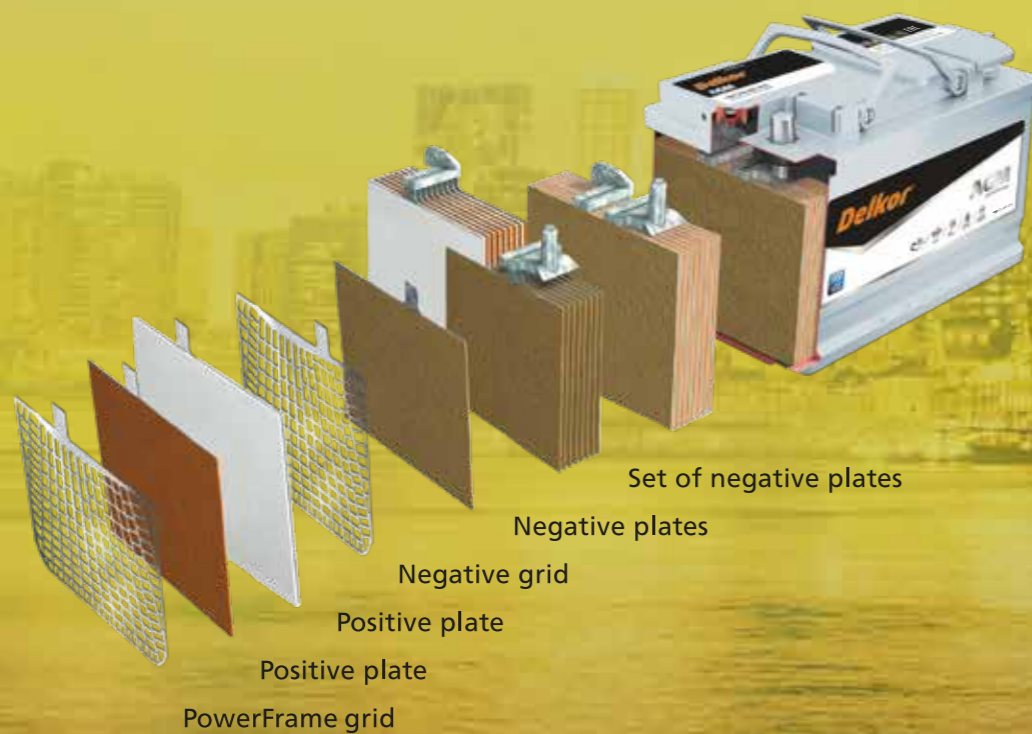
Delkor EFB - JIS

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
EFB M42-60B20L	D20	40	400	63	197 x 129 x 227 mm	B	0	B0	3
EFB N55-80B24	B24	55	500	92	225 x 128 x 237 mm	B	0	B0	3
EFB Q85-115D23L	D23	70	660	125	230 x 173 x 225 mm	A	0	B7	12
EFB Q85-115D23R	D23	70	660	125	230 x 173 x 225 mm	A	1	B7	12
EFB Q95-115D26L	D26	80	720	150	260 x 173 x 225 mm	A	0	B7	12
EFB Q95-115D26R	D26	80	720	150	260 x 173 x 225 mm	A	1	B7	12
EFBT110-145D31L	D31	90	820	170	306 x 173 x 225 mm	A	0	B7	12
EFBT110-145D31R	D31	90	820	170	306 x 173 x 225 mm	A	1	B7	12

Delkor EFB - DIN

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
EFB-LN2	LN2	60	560	100	241 x 174 x 188 mm	A	0	B3	32
EFB-LN3	LN3	70	720	120	277 x 174 x 188 mm	A	0	B3	39

Look inside for True Strength™ within



Specification charts

Delkor® Calcium - JIS

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
42B19L	B19	40	300	52	186 x 126 x 225	B	0	B0	3
42B19R	B19	40	300	52	186 x 126 x 225	B	1	B0	3
NS40Z	B20	35	310	52	197 x 129 x 227	B	1	B0	3
NS40ZL	B20	35	310	52	197 x 129 x 227	B	0	B0	3
46B24L / NS60L	B24	45	325	75	237 x 128 x 225	B	0	B0	3
46B24LS / NS60LS	B24	45	325	75	237 x 128 x 225	A	0	B0	3
46B24R / NS60	B24	45	325	75	237 x 128 x 225	B	1	B0	3
46B24RS / NS60S	B24	45	325	75	237 x 128 x 225	A	1	B0	3
55B24L	B24	45	430	80	237 x 128 x 225	A	0	B0	3
55B24LS	B24	45	430	80	237 x 128 x 225	A	0	B0	3
55B24RS	B24	45	430	80	237 x 128 x 225	A	1	B0	3
50D20L	D20	50	450	80	208 x 173 x 219	A	0	B7	11
50D20R	D20	50	450	80	208 x 173 x 219	A	1	B7	11
75D23L / 35-550	D23	60	550	90	229 x 172 x 225	A	0	B7	12
75D23R	D23	60	550	90	229 x 172 x 225	A	1	B7	12
48D26L / N50L	D26	50	350	81	260 x 172 x 225	A	0	B7	12
48D26R / N50	D26	50	350	81	260 x 172 x 225	A	1	B7	12
55D26L / N50ZL	D26	60	475	90	260 x 172 x 225	A	0	B7	12
55D26R / N50Z	D26	60	475	90	260 x 172 x 225	A	1	B7	12
75D26L	D26	65	550	110	260 x 172 x 225	A	0	B7	12
75D26R	D26	65	550	110	260 x 172 x 225	A	1	B7	12
80D26L / NS70L	D26	70	550	110	260 x 172 x 225	A	0	B7	12
80D26R / NS70	D26	70	550	110	260 x 172 x 225	A	1	B7	12
NX110-5L	D26	75	600	140	260 x 172 x 225	A	0	B7	12
NX110-5R	D26	75	600	140	260 x 172 x 225	A	1	B7	12
65D31L / N70L	D31	70	530	120	305 x 172 x 225	A	0	B7	11
65D31R / N70	D31	70	530	120	305 x 172 x 225	A	1	B7	11
75D31L	D31	70	540	120	305 x 172 x 225	A	0	B7	11
75D31R	D31	70	540	120	305 x 172 x 225	A	1	B7	11
95D31L / NX120-7L	D31	80	620	140	305 x 172 x 225	A	0	B7	11
95D31R / NX120-7	D31	80	620	140	305 x 172 x 225	A	1	B7	11
105D31L	D31	90	680	160	305 x 172 x 225	A	0	B7	11
105D31R	D31	90	680	160	305 x 172 x 225	A	1	B7	11
115D31L	D31	100	780	170	305 x 172 x 225	A	0	B7	11
115D31R	D31	100	780	170	305 x 172 x 225	A	1	B7	11

Delkor® Calcium - DIN

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
53522	B20	35	275	52	197 x 129 x 227	B	1	B0	3
54523	B24	45	405	75	238 x 129 x 227	A	0	B0	3
54584	B24	45	405	75	238 x 129 x 227	B	0	B0	3
56068	D23	60	490	112	229 x 172 x 225	A	0	B7	12
56069	D23	60	490	112	229 x 172 x 225	A	1	B7	12
55530	LN2	55	525	90	242 x 174 x 190	A	0	B3	33
55548	LN2	55	525	90	242 x 174 x 190	A	1	B3	33
55559	LN2	55	525	90	242 x 174 x 190	A	0	B3	33
55565	LN2	55	525	90	242 x 174 x 190	A	1	B3	33
56030	LN2	60	525	90	242 x 174 x 190	A	0	B3	33
56031	LN2	60	525	90	242 x 174 x 190	A	1	B3	33
56219	LN2	62	580	95	242 x 174 x 190	A	0	B3	33
56220	LN2	62	580	95	242 x 174 x 190	A	1	B3	33
54519	LBN2	45	410	75	242 x 174 x 174	A	0	B4	31
56618	LN3	66	500	110	276 x 174 x 188	A	0	B3	37
56638	LN3	66	500	110	276 x 174 x 188	A	0	B3	37
57412	LN3	74	680	135	276 x 174 x 188	A	0	B3	37
57413	LN3	74	680	135	276 x 174 x 188	A	1	B3	37
57540	LN3	75	600	120	276 x 174 x 188	A	0	B3	37
58014	LN3	80	770	140	276 x 174 x 188	A	0	B3	37
57539	LBN3	75	630	120	277 x 174 x 174	A	0	B3	37
57024	24F	70	550	120	271 x 172 x 225	A	1	B9	13
57029	24F	70	550	120	271 x 172 x 225	A	0	B9	13
58039	LBN4	80	730	135	315 x 174 x 174	A	0	B3	38
58827	LN5	88	600	160	353 x 174 x 188	A	0	B3	40
60038	LN5	100	650	170	353 x 174 x 188	A	0	B3	40
60044	LN5	100	810	170	353 x 174 x 188	A	0	B3	40

Delkor Calcium - BCI

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
34-610	34	66	610	110	260 x 172 x 206	A	1	B7	14
58-60	58	48	560	80	241 x 183 x 175	A	1	B8	16
65-850	65	85	850	160	299 x 189 x 191	A	1	B8	17
75A-72	75	55	610	90	239 x 179 x 186	G	1	B7	18
78-630	78	-	630	105	269 x 179 x 186	G	1	B7	18
78A-72	78	65	670	110	268 x 178 x 184	G	1	B7	18
85B60K	85	55	550	90	230 x 173 x 205	A	0	B7	11
85BR60K	86	55	550	90	230 x 173 x 205	A	1	B7	11

Specification charts

Delkor[®] Lawn & Garden

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
28A19R	U1	26	260	33	197 x 130 x 186mm	C	1	B0	1
U1-280	U1	26	280	33	197 x 130 x 186mm	C	1	B0	1
U1R-280	U1	26	280	33	197 x 130 x 186mm	C	0	B0	1

Delkor Marine & Leisure

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
M24	M24	82	520	135	259 x 172 x 225mm	E	1	B7	15
27M-570	M27	105	570	160	306 x 173 x 225mm	E	1	B7	15
M27	M27	105	570	160	306 x 173 x 225mm	E	1	B7	15
M31	M31	100	625	180	330 x 173 x 237mm	E	3	B0	22
31M-625	M31	100	625	180	330 x 172 x 230mm	E	3	B0	22

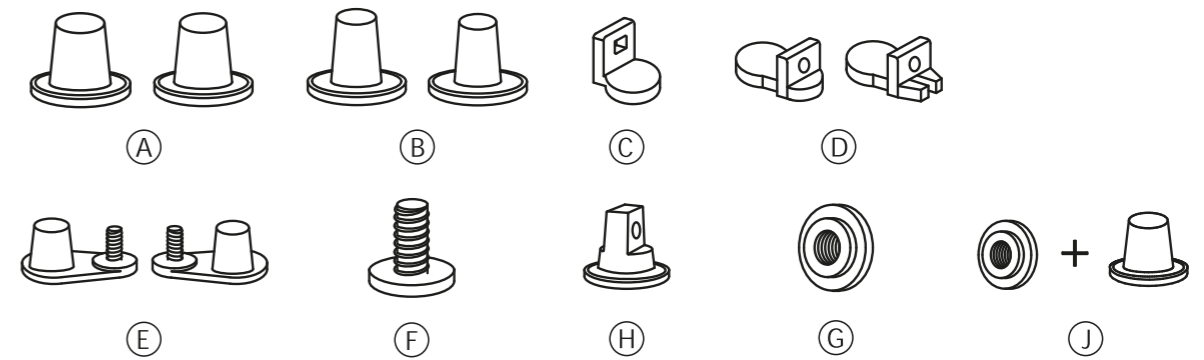
* Selected models

Delkor[®] Commercial

Model	Group Size	Capacity 20HR (AH)	CCA (-18°C) SAE	RC (Min)	Dimensions (L x W x H)	Terminal Type	Cell layout	Base hold-down	Figure No.
N100	E41	100	750	185	406 x 172 x 231mm	A	1	B0	23
MF100R	100G	100	900	180	325 x 172 x 225mm	A	1	B7	24
N120	F51	120	800	230	503 x 182 x 231mm	A	4	B0	24
N120L	F51	120	800	230	503 x 182 x 231mm	A	5	B0	24
N150	G51	150	950	300	507 x 213 x 231mm	A	4	B0	24
N150L	G51	150	950	300	507 x 213 x 231mm	A	5	B0	24
180G51	G51	170	1,090	300	507 x 213 x 231mm	A	4	B0	24
180G51L	G51	170	1,090	300	507 x 213 x 231mm	A	5	B0	24
N170	G51	170	1,090	320	507 x 213 x 231mm	A	4	B0	24
N170L	G51	170	1,090	320	507 x 213 x 231mm	A	5	B0	24
180G51(180AH)	G51	180	1,090	300	507 x 213 x 231mm	A	4	B0	24
180G51L(180AH)	G51	180	1,090	300	507 x 213 x 231mm	A	5	B0	24
N200	H52	200	1,000	430	510 x 275 x 238mm	A	4	B0	25
N200L	H52	200	1,000	430	510 x 275 x 238mm	A	5	B0	25
N220	H52	220	1,300	440	512 x 277 x 241mm	A	4	B0	25
N220L	H52	220	1,313	440	512 x 277 x 241mm	A	5	B0	25
70027	H52	200	1,000	430	512 x 277 x 241mm	A	5	B0	25
72018	H52	220	1,300	440	510 x 275 x 238mm	A	5	B0	25
1111K	31	100	750	160	330 x 173 x 239mm	A	3	B0	20

Terminal type & battery drawings

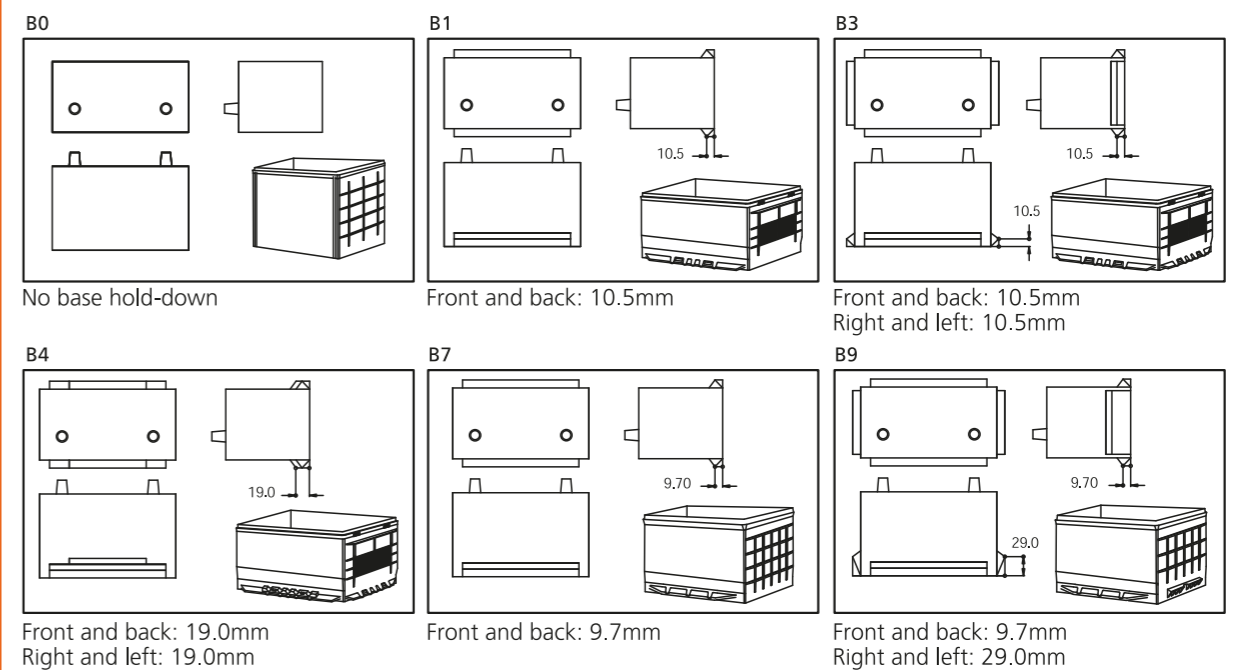
Terminal type



Cell layout



Base hold-down



Battery figures

