



LINE CARD

12V 24V Automotive And Golf Cart Line Card

Deep cycle 12V and 24V packs, automotive-case batteries in H7, H8 and group 24, and 48V and 72V golf cart packs - with the case dimensions that decide the fit.

Case size is the first decision in this part of the range. The table below lists the published dimensions so a tray can be checked before an order is placed.

Standard Case Sizes

Case	Dimensions	Capacities
BCI group 24 deep cycle	260 x 170 x 210 mm	100 Ah
BCI group 24 automotive	260 x 176 x 220 mm	60, 100, 105 Ah
BCI group 31	330 x 172 x 240 mm	100 Ah
H7 group 94R	315 x 175 x 190 mm	80, 100, 105 Ah
H8 group 49	359 x 177 x 188 mm	100, 105, 150 Ah
48V golf cart	470 x 345 x 252 mm	100 Ah
72V golf cart	750 x 335 x 255 mm	100 Ah

12V And 24V Lithium Batteries (11)

Drop-in LiFePO4 replacements for lead-acid, from an 8Ah UPS block to a 400Ah house bank, with IP65 cases and Bluetooth monitoring.

	Model	Capacity	Key figures	Certificates
	12V 400Ah LiFePO4 Deep Cycle Battery 12.8V 400Ah	380-400 Ah consistent output	Dimensions: 522 x 268 x 218 mm Weight: 38 kg BMS current: 200 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	24V 200Ah LiFePO4 Lithium Battery 25.6V 200Ah / 5120 Wh	200 Ah / 5120 Wh	Dimensions: 502 x 186 x 240 mm Weight: 37.5 kg BMS current: 200 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	24V 100Ah LiFePO4 Lithium Battery 25.6V 100Ah / 2560 Wh	100 Ah / 2560 Wh	Dimensions: 502 x 186 x 240 mm Weight: 18.5 kg BMS current: 100 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	12V 100Ah Group 31 Deep Cycle Lithium Battery 12.8V 100Ah group 31	95-100 Ah consistent output	Case: BCI group 31, 330 x 172 x 240 mm Weight: 9.7 kg BMS current: 100 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	12V 100Ah Group 24 Bluetooth LiFePO4 Battery 12.8V 100Ah group 24	95-100 Ah consistent output	Case: BCI group 24, 260 x 170 x 210 mm Weight: 9.7 kg BMS current: 100 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	12V 8Ah LiFePO4 Battery 12.8V 8Ah	8 Ah	Weight: 0.95 kg Cycle life: 2500+ deep discharge cycles Nominal voltage: 12.8 V	MSDS, UN38.3, CE, ROHS, UL
	12V 12Ah LiFePO4 Deep Cycle Battery 12.8V 12Ah / 158 Wh	12 Ah / 158 Wh	Dimensions: 150 x 98 x 95 mm Weight: 1.3 kg Cycle life: 2500+ deep discharge cycles Nominal voltage: 12.8 V	MSDS, UN38.3, CE, ROHS, UL
	12V 300Ah LiFePO4 Deep Cycle Battery 12.8V 300Ah	300 Ah consistent output	Dimensions: 522 x 268 x 218 mm Weight: 28 kg BMS current: 200 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	12V 150Ah LiFePO4 Deep Cycle Battery 12.8V 150Ah	150 Ah consistent output	Dimensions: 330 x 172 x 215 mm Weight: 14.2 kg BMS current: 150 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL

	Model	Capacity	Key figures	Certificates
	12V 100Ah LiFePO4 Battery 12.8V 100Ah	95-100 Ah consistent output	Dimensions: 260 x 170 x 210 mm Weight: 9.7 kg BMS current: 100 A smart BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL
	12V 200Ah LiFePO4 Deep Cycle Battery 12.8V 200Ah	200 Ah / 2560 Wh	Dimensions: 502 x 186 x 240 mm Weight: 18.4 kg BMS current: 200 A built-in BMS Cycle life: 3000+ deep discharge cycles	MSDS, UN38.3, CE, ROHS, UL

12V Automotive Lithium Batteries (3)

H7, H8 and group 24 cases with automotive terminals for low-speed vehicles, light EV and solar - energy storage, not cranking.

	Model	Capacity	Key figures	Certificates
	12V H8 Group 49 Lithium Battery 100Ah 105Ah 150Ah H8 group 49	100 Ah, 105 Ah, 150 Ah	Case: H8 group 49, 359 x 177 x 188 mm Cycle life: 3000+ deep discharge cycles Nominal voltage: 12.8 V	MSDS, UN38.3, CE, ROHS, UL
	12V H7 Group 94R Lithium Battery 80Ah 100Ah 105Ah H7 group 94R	80 Ah, 100 Ah, 105 Ah	Case: H7 group 94R, 315 x 175 x 190 mm Cycle life: 3000+ deep discharge cycles Nominal voltage: 12.8 V	MSDS, UN38.3, CE, ROHS, UL
	12V Group 24 Car Lithium Battery 60Ah 100Ah 105Ah BCI group 24 automotive	60 Ah, 100 Ah, 105 Ah	Case: BCI group 24, 260 x 176 x 220 mm Cycle life: 3000+ deep discharge cycles Nominal voltage: 12.8 V	MSDS, UN38.3, CE, ROHS, UL

Lithium Golf Cart Batteries (2)

48V and 72V packs at 100Ah, IP67, 3500+ cycles, 65-85 km on a full charge, drop-in for lead-acid and AGM.

	Model	Capacity	Key figures	Certificates
	72V 100Ah Lithium Golf Cart Battery 72V (76.8V) 100Ah	100 Ah	Dimensions: 750 x 335 x 255 mm Weight: 74 kg Cycle life: 3500+ cycles Ingress protection: IP67	MSDS, UN38.3, CE, ROHS, UL
	48V 51.2V 100Ah Lithium Golf Cart Battery 48V (51.2V) 100Ah	100 Ah	Dimensions: 470 x 345 x 252 mm Weight: 45 kg Cycle life: 3500+ cycles Ingress protection: IP67	MSDS, UN38.3, CE, ROHS, UL

Important

The automotive-case packs (H7 group 94R, H8 group 49 and group 24 automotive) are energy storage batteries for low-speed vehicles, light EV, golf carts, solar and robotics. They must not be used for engine cranking.

Every figure in this document is reproduced from the product data behind www.sikebattery.com. Where a figure is not published - a test condition behind a cycle rating, a production capacity - this document says so rather than estimating one. Confirm the current revision with your quotation.

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