


12v Cranking Deep Cycle Lithium Battery Specifications

	12v 1000CCA	12v 1000CCA	12v 1325CCA	12v 2100CCA	12v 2000CCA	12v 1600CCA
RRP	\$1100.00	\$1500.00	\$1850.00	\$1800.00	\$2100.00	\$2600.00
Nominal Voltage (V)	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V
Nominal Capacity (Ah)	40AH	80AH	100AH	100AH	165AH	200AH
Energy	600WH	960WH	1200WH	1200WH	1980AH	2400WH
Chemistry	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)
Battery Dimensions (L*W*H mm)	231*170*260	231*170*260	360*180*230	360*180*231	360*180*232	398*175*188
Net Weight	6.8kg	9kg	11kg	11kg	11kg	16kg
Layout/Terminals	Terminals with screw holes	Terminals with screw holes	Terminals with screw holes	Terminals with screw holes	Terminals with screw holes	Terminals with screw holes
Case /Packing	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Bluetooth	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
Cycle life	>2000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>2000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>2000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>2000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>2000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>2000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD
Depth of Discharge (DoD) %	95	95	95	95	95	95
Standard charge current	20A	20A	20A	20A	20A	20A
Optimum Charge Current	5- 20A MAX 12.6V	5- 20A MAX 12.6V	5- 20A MAX 12.6V	5- 20A MAX 12.6V	5- 20A MAX 12.6V	5- 20A MAX 12.6V
Rapid Charging	Max 20A	Max 20A	Max 20A	Max 20A	Max 20A	Max 20A
BMS Charge Voltage Cut-Off	15.2V	15.2V	15.2V	15.2V	15.2V	15.2V
BMS Discharge Voltage Cut-Off	8V	8V	8V	8V	8V	8V
Connect in Parallel	NO	NO	NO	YES	YES	YES
RS485 Coms	NO	NO	NO	YES	YES	YES
Max.Continuous discharge current	110A	110A	110A	150A	150A	150A
Peak discharge current	1000A	1000A	1325A	2100A	2100A	1600A
Operating temperatures	Standard 15°C~65°C	Standard 15°C~65°C	Standard 15°C~65°C	Standard 15°C~65°C	Standard 15°C~65°C	Standard 15°C~65°C
	Discharge 20°C~65°C	Discharge 20°C~65°C	Discharge 20°C~65°C	Discharge 20°C~65°C	Discharge 20°C~65°C	Discharge 20°C~65°C
	Storage -20°C~65°C	Storage -20°C~65°C	Storage -20°C~65°C	Storage -20°C~65°C	Storage -20°C~65°C	Storage -20°C~65°C
Storage performance	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months
Only Use 12v Charger	Only Use 12v Charger	Only Use 12v Charger	Only Use 12v Charger	Only Use 12v Charger	Only Use 12v Charger	Only Use 12v Charger


12V Deep Cycle Lithium Battery Specifications

	<b>GML 12V 50ah</b>	<b>GML 12V 70ah</b>	<b>GML 12V 80ah</b>	<b>GML 12V 105ah</b>	<b>GML 12V 120ah</b>	<b>GML 12V 165ah</b>	<b>GML 12V 200ah</b>
RRP	\$850.00	\$990.00	\$1100.00	\$1400.00	\$1800.00	\$2200.00	\$2600.00
<b>Specification</b>							
Model	12v 50ah	12v 70ah	12v 80ah	12v 105ah	12v 120ah	12v 165ah	12v 200ah
Nominal Voltage (V)	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V	12.8V
Nominal Capacity (Ah)	50AH	70AH	80AH	105AH	120AH	165AH	200AH
Actual AH	52AH	72AH	82AH	105AH	122AH	167AH	202AH
Energy	640WH	840WH	960WH	1200WH	1920WH	1980WH	3600WH
Chemistry	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)
Battery Dimensions (L*W*H mm)	330x176x240 or Slimline 400x110x300	330x176x240 or Slimline 400x110x301	330x176x240 or Slimline 400x110x300	330x176x240 or Slimline 400x110x300	350x190x260	330x176x240 or Slimline 400x110x300	350x190x260
Net Weight	6kg	7.5kg	9kg	11kg	14kg	14kg	22kg
Layout/Terminals	Screw-in Post	Screw-in Post	Screw-in Post	Screw-in Post	Screw-in Post	Screw-in Post	Screw-in Post
Case /Packing	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Bluetooth	YES	YES	YES	YES	YES	YES	YES
Cycle life	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD
Depth of Discharge (DoD) %	100	100	100	100	100	100	100
Standard Charge Current	25A	25A	25A	25A	25A	25A	25A
Optional Charge Current	55A	55A	55A	55A	55A	55A	55A
Rapid Charging	Max 50A	Max 50A	Max 80A	Max 100A	Max 100A	Max 100A	Max 100A
BMS Charge Voltage Cut-Off	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V	14.6V
Max. Continuous discharge current	100A	100A	100A	100A	100A	100A	100A
Peak discharge current	200A	200A	200A	200A	200A	200A	200A
Operating temperatures	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C
	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C
	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C
Storage performance	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months
Warranty	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement


24V Deep Cycle Lithium Battery Specifications

GREEN MARINE LITHIUM 	GML 24V 50ah	GML 24V 70ah	GML 24V 80ah	GML 24V 105ah	GML 24V 120ah	GML 24V 150ah	GML 24V 200ah
RRP	\$1550.00	\$1850.00	\$2200.00	\$2600.00	\$2900.00	\$3200.00	\$4500.00
<b>Specification</b>							
Model	24v 50ah	24v 70ah	24v 80ah	24v 105ah	24v 120ah	24v 150ah	24v 200ah
Nominal Voltage (V)	25.6V	25.6V	25.6V	25.6V	25.6V	25.6V	25.6V
Nominal Capacity (Ah)	50ah	70ah	80ah	105ah	120ah	150ah	200ah
Actual AH	52AH	74AH	82AH	105AH	122AH	152AH	202AH
Energy	1200WH	1680WH	1920WH	2452WH	2880WH	3600WH	4800WH
Chemistry	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)
Battery Dimensions (L*W*H mm)	330x170x260	330x170x260	330x170x260	350x190x260 or Slimline 500x110x300	500x190x240	500x190x240	500x190x240
Net Weight	11kg	11kg	16kg	22kg	36kg	32kg	40kg
Layout/Terminals	Screw-in post	Screw-in post	Screw-in post	Screw-in post	Screw-in post	Screw-in post	Screw-in post
Case /Packing	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Bluetooth	YES	YES	YES	YES	YES	YES	YES
Cycle life	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD
Depth of Discharge (DoD) %	100	100	100	100	100	100	100
Standard charge current	25A	25A	25A	25A	25A	25A	25A
Optimum Charge Current	55A	55A	55A	55A	55A	55A	55A
Rapid Charging	50A	50A	80A	100A	100A	100A	100A
Max.Continuous discharge current	50A	50A	80A	100A	100A	100A	100A
Peak discharge current	100a	100a	100a	100a	100a	100a	100a
Operating temperatures	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C
	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C
	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C
Storage performance	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months
Warranty	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement


36V Deep Cycle Lithium Battery Specifications

	<b>GML 36V 50ah</b>	<b>GML 36V 70ah</b>	<b>GML 36V 80ah</b>	<b>GML 36V 105ah</b>	<b>GML 36V 120ah</b>
RRP	\$1700.00	\$2000.00	\$2600.00	\$2900.00	\$3200.00
<b>Specification</b>					
Model	36v 50ah	36v 70ah	36v 80ah	36v 105ah	36v 120ah
Nominal Voltage (V)	38.4V	38.4V	38.4V	38.4V	38.4V
Nominal Capacity (Ah)	50ah	70ah	80ah	105ah	120ah
Actual AH	52AH	72AH	82AH	105AH	122AH
Energy	1800Wh	2520Wh	2880WH	3780WH	4320WH
Chemistry	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)
Battery Dimensions (L*W*H mm)	500x240x 260 or 360x 275x257	500x240x 260 or 360x 275x258	500x240x 260 or 360x 275x259	500x240x 260 or 360x 275x260	500x190x240
Net Weight	16kg	19kg	23kg	26kg	32kg
Layout/Terminals	Screw-in post	Screw-in post	Screw-in post	Screw-in post	Screw-in post
Case /Packing	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Bluetooth	YES	YES	YES	YES	YES
Cycle life	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD
Depth of Discharge (DoD) %	100	100	100	100	100
Standard charge current	25A	25A	25A	25A	25A
Optimum Charge Current	55A	55A	55A	55A	55A
Rapid Charging	50A	50A	80A	100A	100A
Max.Continuous discharge current	50A	50A	80A	100A	100A
Peak discharge current	100a	100a	100a	100a	100a
Operating temperatures	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C
	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C
	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C
Storage performance	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months
Warranty	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement

48V Deep Cycle Lithium Battery Specifications

GREEN MARINE LITHIUM 	GML 48V 50ah	GML 48V 70ah	GML 48V 80ah	GML 48V 105ah	GML 48V 120ah
RRP	\$2500.00	\$2600.00	\$2900.00	\$3200.00	\$3400.00
<b>Specification</b>					
Model	48v 50ah	48v 70ah	48v 80ah	48v 105ah	48v 120ah
Nominal Voltage (V)	51.2V	51.2V	51.2V	51.2V	51.2V
Nominal Capacity (Ah)	50ah	70Ah	80ah	105ah	120ah
Actual AH	52AH	72Ah	82AH	105AH	122AH
Energy	2400Wh	3360Wh	3840WH	5040WH	5760WH
Chemistry	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)	Lithium Iron Phosphate (LiFePo4)
Battery Dimensions (L*W*H mm)	360x 275x260 or 500x240x 260	360x 275x260 or 500x240x 260	360x 275x260 or 500x240x 260	360x 275x260	Custom
Net Weight	24kg	24kg	32kg	36kg	38kg
Layout/Terminals	2 cables with eyelets	2 cables with eyelets	2 cables with eyelets	2 cables with eyelets	2 cables with eyelets
Case /Packing	Carbon Fibre	Carbon Fibre	Carbon Fibre	Carbon Fibre	Carbon Fibre
Bluetooth	YES	YES	YES	YES	YES
Cycle life	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD	>3000cycle at 100% Depth of Discharge (DoD), up to 5000 cycles at 80% DoD
Depth of Discharge (DoD) %	100	100	100	100	100
Standard charge current	25A	25A	25A	25A	25A
Optimum Charge Current	55A	55A	55A	55A	55A
Rapid Charging	50A	50A	80A	100A	100A
Max.Continuous discharge current	50A	50A	80A	100A	100A
Peak discharge current	100a	100a	100a	100a	100a
Operating temperatures	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C	Standard 0°C~60°C
	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C	Discharge -30°C~75°C
	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C	Storage -20°C~45°C
Storage performance	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months	Capacity can be kept ≥ 80% in storage for 12months
Warranty	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement	5 years FULL Replacement

Lithium ONLY Chargers

	Lithium CHARGERS				RRP Inc GST
CODE	Voltage	Current (A)	Input Voltage	IP Rate	
ACDC12V20	12v	20A	240V	IP21	\$450.00
ACDC24V20	24v	20A	240V	IP22	\$450.00
ACDC36V20	36v	20A	240V	IP23	\$450.00
ACDC48V20	48v	20A	240V	IP24	\$450.00
ACDC12V20WF	12v	20A	240V	IP67 Waterproof	\$600.00
ACDC24V20WF	24v	20A	240V	IP67 Waterproof	\$600.00
ACDC36V20WF	36v	20A	240V	IP67 Waterproof	\$600.00
ACDC48V20WF	48v	20A	240V	IP67 Waterproof	\$600.00
ACDC12V4BWP	12V x 4 Bank	10A	240V	IP67 Waterproof	\$950.00
ACDC12V24VWP	12V +24V	10A	240V	IP67 Waterproof	\$950.00
ACDC12V36VWP	12V+36V	10A	240V	IP67 Waterproof	\$950.00
ACDC24V2BWP	24V x 2 Bank	10A	240V	IP67 Waterproof	\$950.00
DCDC12VWP	12V	10A	DCDC12v	IP67 Waterproof	\$450.00
DCDC24VWP	12v-24v	10A	DCDC12v	IP67 Waterproof	\$450.00
DCDC36VWP	12v-36v	10A	DCDC12v	IP67 Waterproof	\$450.00
DCDCS12V	12v24v	20A	DCDC 12v 24v	IP67 Waterproof	\$650.00