

EP**CH**
BATTERIES
GET CHARGED, STAY CHARGED

2023 PRODUCT CATALOGUE



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Marine



EPOCH
BATTERIES

Heated & Bluetooth - LiFePO4

11 YEAR
MANUFACTURER
WARRANTY



12V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	12V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10.8 - 14.6V
kWh Capacity:	0.64 kWh
Ah Capacity:	50Ah
Cell Configuration:	4S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	1280
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	22 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



12V 100AH



EPÖCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	12V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10.8 - 14.6V
kWh Capacity:	1.28 kWh
Ah Capacity:	100Ah
Cell Configuration:	4S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	1536
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	33 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



24V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	24V
Chemistry:	LiFePO4
Charging Voltage Range:	28.0 - 29.2V
Max Charge Voltage:	29.2V
Operating Voltage Range:	20 - 29.2V
kWh Capacity:	1.28 kWh
Ah Capacity:	50Ah
Cell Configuration:	8S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	2560
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	34 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



24V 100AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	24V
Chemistry:	LiFePO4
Charging Voltage Range:	28.0 - 29.2V
Max Charge Voltage:	29.2V
Operating Voltage Range:	20 - 29.2V
kWh Capacity:	2.56 kWh
Ah Capacity:	100Ah
Cell Configuration:	8S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	3072
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	48.5 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



36V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	36V
Chemistry:	LiFePO4
Charging Voltage Range:	42.0 - 43.8V
Max Charge Voltage:	43.8V
Operating Voltage Range:	30 - 43.8V
kWh Capacity:	1.92 kWh
Ah Capacity:	50Ah
Cell Configuration:	12S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	1920
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	53 (LBS)
Length Inches:	19.8
Width Inches:	10.2
Height Inches:	10.2
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



36V 100AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	36V
Chemistry:	LiFePO4
Charging Voltage Range:	42.0 - 43.8V
Max Charge Voltage:	43.8V
Operating Voltage Range:	30 - 43.8V
kWh Capacity:	3.84 kWh
Ah Capacity:	100Ah
Cell Configuration:	12S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	4608
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	75 (LBS)
Length Inches:	19.8
Width Inches:	10.2
Height Inches:	10.2
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 50AH



EPÖCH
BATTERIES

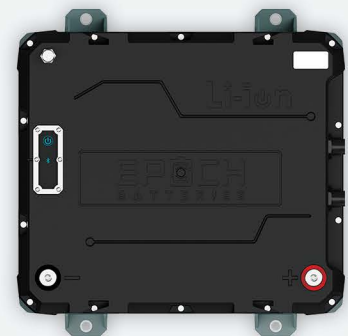
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	48V
Chemistry:	LiFePO4
Charging Voltage Range:	56.0 - 58.4V
Max Charge Voltage:	58.4V
Operating Voltage Range:	40 - 58.4V
kWh Capacity:	2.56 kWh
Ah Capacity:	50Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	2560
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	66 (LBS)
Length Inches:	14.9
Width Inches:	14.9
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 100AH



EPOCH
BATTERIES

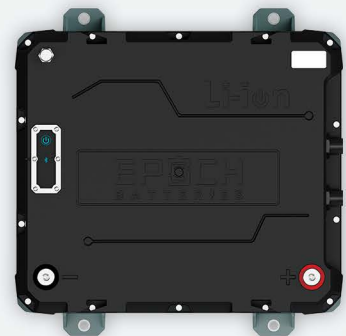
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	48V
Chemistry:	LiFePO4
Charging Voltage Range:	56.0 - 58.4V
Max Charge Voltage:	58.4V
Operating Voltage Range:	40 - 58.4V
kWh Capacity:	5.12 kWh
Ah Capacity:	100Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	5120
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	95 (LBS)
Length Inches:	14.9
Width Inches:	14.9
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



Golf Carts



EPOCH
BATTERIES

Heated & Bluetooth - LiFePO4 - GC2

11 YEAR
MANUFACTURER
WARRANTY



36V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	36V
Chemistry:	LiFePO4
Charging Voltage Range:	42.0 - 43.8V
Max Charge Voltage:	43.8V
Operating Voltage Range:	30 - 43.8V
kWh Capacity:	1.92 kWh
Ah Capacity:	50Ah
Cell Configuration:	12S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	1920
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	53 (LBS)
Length Inches:	19.8
Width Inches:	10.2
Height Inches:	10.2
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



36V 100AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	36V
Chemistry:	LiFePO4
Charging Voltage Range:	42.0 - 43.8V
Max Charge Voltage:	43.8V
Operating Voltage Range:	30 - 43.8V
kWh Capacity:	3.84 kWh
Ah Capacity:	100Ah
Cell Configuration:	12S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	4608
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	75 (LBS)
Length Inches:	19.8
Width Inches:	10.2
Height Inches:	10.2
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 50AH



EPÖCH
BATTERIES

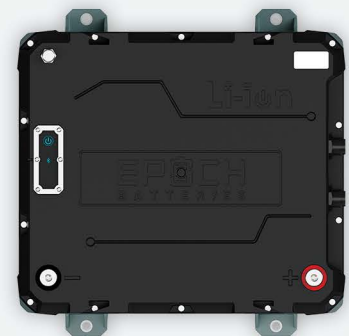
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	48V
Chemistry:	LiFePO4
Charging Voltage Range:	56.0 - 58.4V
Max Charge Voltage:	58.4V
Operating Voltage Range:	40 - 58.4V
kWh Capacity:	2.56 kWh
Ah Capacity:	50Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	2560
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	66 (LBS)
Length Inches:	14.9
Width Inches:	14.9
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 100AH



EPOCH
BATTERIES

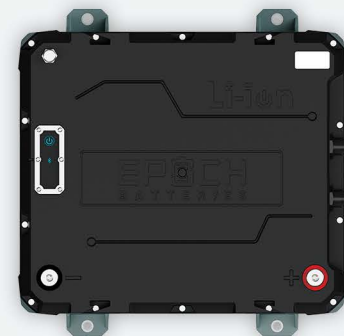
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	48V
Chemistry:	LiFePO4
Charging Voltage Range:	56.0 - 58.4V
Max Charge Voltage:	58.4V
Operating Voltage Range:	40 - 58.4V
kWh Capacity:	5.12 kWh
Ah Capacity:	100Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	5120
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	95 (LBS)
Length Inches:	14.9
Width Inches:	14.9
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 30AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth

ELECTRICAL SPECIFICATIONS

Voltage:	51.2V
Chemistry:	LiFePO4
Max Charge Voltage:	57.6V
Operating Voltage Range:	40 - 57.6
Ah Capacity:	30Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	60A
Max Discharge Peak Current Amps:	100A (10 Seconds)
Max Charge Current Amps:	30A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	0°C (32°F) / 55°C (131°F)
Storage Temp:	0°C (32°F) / 30°C (86°F) (<6 Months)
Weight:	33 (LBS)
Depth Inches:	7.1
Width Inches:	10.2
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (10) in Parallel = 300 Amp Hours

PRODUCT PICTURES



INSTALLATION GUIDE



48V 60AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth

ELECTRICAL SPECIFICATIONS

Voltage:	51.2V
Chemistry:	LiFePO4
Max Charge Voltage:	57.6V
Operating Voltage Range:	40 - 57.6
Ah Capacity:	60Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	120A
Max Discharge Peak Current Amps:	200A (10 Seconds)
Max Charge Current Amps:	60A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	0°C (32°F) / 55°C (131°F)
Storage Temp:	0°C (32°F) / 30°C (86°F) (<6 Months)
Weight:	33 (LBS) (per module x2)
Depth Inches:	7.1 (per module x2)
Width Inches:	10.2 (per module x2)
Height Inches:	10.7 (per module x2)
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (10) in Parallel = 300 Amp Hours

PRODUCT PICTURES



INSTALLATION GUIDE



48V 90AH



EPOCH
BATTERIES

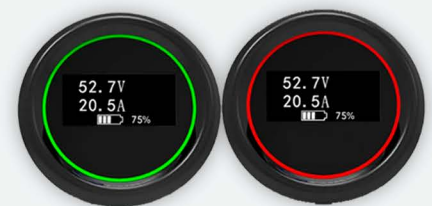
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth

ELECTRICAL SPECIFICATIONS

Voltage:	51.2V
Chemistry:	LiFePO4
Max Charge Voltage:	57.6V
Operating Voltage Range:	40 - 57.6
Ah Capacity:	90Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	180A
Max Discharge Peak Current Amps:	300A (10 Seconds)
Max Charge Current Amps:	90A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	0°C (32°F) / 55°C (131°F)
Storage Temp:	0°C (32°F) / 30°C (86°F) (<6 Months)
Weight:	33 (LBS) (per module x3)
Depth Inches:	7.1 (per module x3)
Width Inches:	10.2 (per module x3)
Height Inches:	10.7 (per module x3)
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (10) in Parallel = 300 Amp Hours

PRODUCT PICTURES



INSTALLATION GUIDE



48V 120AH



EPOCH
BATTERIES

Features: IP67, Bluetooth

11 YEAR
MANUFACTURER
WARRANTY

ELECTRICAL SPECIFICATIONS

Voltage:	51.2V
Chemistry:	LiFePO4
Max Charge Voltage:	57.6V
Operating Voltage Range:	40 - 57.6
Ah Capacity:	120Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	240A
Max Discharge Peak Current Amps:	400A (10 Seconds)
Max Charge Current Amps:	120A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	0°C (32°F) / 55°C (131°F)
Storage Temp:	0°C (32°F) / 30°C (86°F) (<6 Months)
Weight:	33 (LBS) (per module x4)
Depth Inches:	7.1 (per module x4)
Width Inches:	10.2 (per module x4)
Height Inches:	10.7 (per module x4)
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (10) in Parallel = 300 Amp Hours

PRODUCT PICTURES



INSTALLATION GUIDE



48V 150AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth

ELECTRICAL SPECIFICATIONS

Voltage:	51.2V
Chemistry:	LiFePO4
Max Charge Voltage:	57.6V
Operating Voltage Range:	40 - 57.6
Ah Capacity:	150Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	300A
Max Discharge Peak Current Amps:	500A (10 Seconds)
Max Charge Current Amps:	150A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	0°C (32°F) / 55°C (131°F)
Storage Temp:	0°C (32°F) / 30°C (86°F) (<6 Months)
Weight:	33 (LBS) (per module x5)
Depth Inches:	7.1 (per module x5)
Width Inches:	10.2 (per module x5)
Height Inches:	10.7 (per module x5)
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (10) in Parallel = 300 Amp Hours

PRODUCT PICTURES



INSTALLATION GUIDE



48V 180AH



EPOCH
BATTERIES

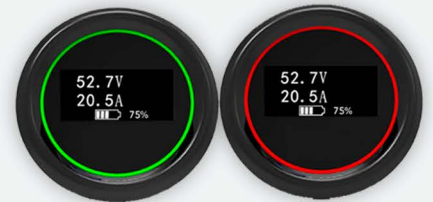
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth

ELECTRICAL SPECIFICATIONS

Voltage:	51.2V
Chemistry:	LiFePO4
Max Charge Voltage:	57.6V
Operating Voltage Range:	40 - 57.6
Ah Capacity:	180Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	600A
Max Discharge Peak Current Amps:	600A (10 Seconds)
Max Charge Current Amps:	180A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	0°C (32°F) / 55°C (131°F)
Storage Temp:	0°C (32°F) / 30°C (86°F) (<6 Months)
Weight:	33 (LBS) (per module x6)
Depth Inches:	7.1 (per module x6)
Width Inches:	10.2 (per module x6)
Height Inches:	10.7 (per module x6)
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (10) in Parallel = 300 Amp Hours

PRODUCT PICTURES



INSTALLATION GUIDE



RV/Vans



EPOCH
BATTERIES

Heated & Bluetooth - LiFePO4

11 YEAR
MANUFACTURER
WARRANTY



12V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	12V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10.8 - 14.6V
kWh Capacity:	0.64 kWh
Ah Capacity:	50Ah
Cell Configuration:	4S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	1280
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	22 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



12V 100AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	12V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10.8 - 14.6V
kWh Capacity:	1.28 kWh
Ah Capacity:	100Ah
Cell Configuration:	4S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	1536
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	33 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



24V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	24V
Chemistry:	LiFePO4
Charging Voltage Range:	28.0 - 29.2V
Max Charge Voltage:	29.2V
Operating Voltage Range:	20 - 29.2V
kWh Capacity:	1.28 kWh
Ah Capacity:	50Ah
Cell Configuration:	8S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	2560
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	34 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



24V 100AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	24V
Chemistry:	LiFePO4
Charging Voltage Range:	28.0 - 29.2V
Max Charge Voltage:	29.2V
Operating Voltage Range:	20 - 29.2V
kWh Capacity:	2.56 kWh
Ah Capacity:	100Ah
Cell Configuration:	8S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	3072
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	48.5 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



36V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	36V
Chemistry:	LiFePO4
Charging Voltage Range:	42.0 - 43.8V
Max Charge Voltage:	43.8V
Operating Voltage Range:	30 - 43.8V
kWh Capacity:	1.92 kWh
Ah Capacity:	50Ah
Cell Configuration:	12S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	1920
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	53 (LBS)
Length Inches:	19.8
Width Inches:	10.2
Height Inches:	10.2
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



36V 100AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	36V
Chemistry:	LiFePO4
Charging Voltage Range:	42.0 - 43.8V
Max Charge Voltage:	43.8V
Operating Voltage Range:	30 - 43.8V
kWh Capacity:	3.84 kWh
Ah Capacity:	100Ah
Cell Configuration:	12S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	4608
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	75 (LBS)
Length Inches:	19.8
Width Inches:	10.2
Height Inches:	10.2
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 50AH



EPOCH
BATTERIES

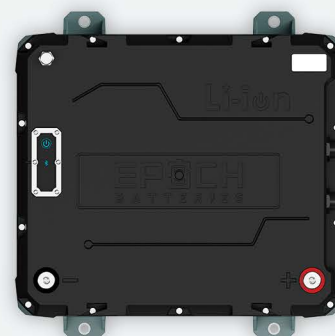
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	48V
Chemistry:	LiFePO4
Charging Voltage Range:	56.0 - 58.4V
Max Charge Voltage:	58.4V
Operating Voltage Range:	40 - 58.4V
kWh Capacity:	2.56 kWh
Ah Capacity:	50Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	2560
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	66 (LBS)
Length Inches:	14.9
Width Inches:	14.9
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



48V 100AH



EPoCH
BATTERIES

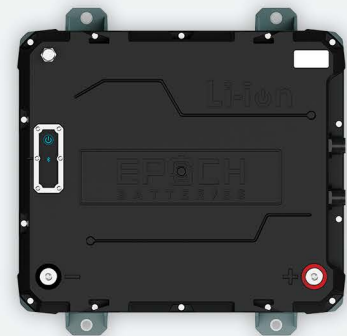
11 YEAR
MANUFACTURER
WARRANTY

Features: IP67, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	48V
Chemistry:	LiFePO4
Charging Voltage Range:	56.0 - 58.4V
Max Charge Voltage:	58.4V
Operating Voltage Range:	40 - 58.4V
kWh Capacity:	5.12 kWh
Ah Capacity:	100Ah
Cell Configuration:	16S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	5120
Max Discharge Peak Current Amps:	200A (60 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	95 (LBS)
Length Inches:	14.9
Width Inches:	14.9
Height Inches:	10.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

PRODUCT PICTURES



Essentials



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Heated & Bluetooth - LiFePO4



FEATURES

- 12.8V
- LiFePO4 Chemistry
- 105Ah Capacity
- 1.28kWh
- 100A Continuous Discharge
- 200A (10S) Peak Discharge
- 100A Continuous Charge
- 4,000 Cycle Life
- Max (4) in series, Max 4 in parallel

EPOCH
BATTERIES
ESSENTIAL SERIES

LiFePO4
BATTERY

12.8V

105Ah

MODEL: 12105A-H

11 YEAR
MANUFACTURER
WARRANTY



BLUETOOTH

SELF-HEATING



RoHS



EpochBatteries.com

12V 50AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP54, Bluetooth

ELECTRICAL SPECIFICATIONS

Voltage:	12.8V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10 - 14.6V
kWh Capacity:	0.64 kWh
Ah Capacity:	50Ah
Cell Configuration:	4S2P
Max Continuous Discharge Amps:	50A
Max Continuous Power Watts:	640
Max Discharge Peak Current Amps:	170A (3 Seconds)
Max Charge Current Amps:	50A
Charge Temp Range:	0°C (32°F) / 55°C (131°F)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	14.3 (LBS)
Depth Inches:	6.5
Width Inches:	7.7
Height Inches:	6.9
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel 4S1 or 1S4P

PRODUCT PICTURES



12V 105AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP54, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	12.8V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10 - 14.6V
kWh Capacity:	1.32 kWh
Ah Capacity:	105Ah
Cell Configuration:	4S1P
Max Continuous Discharge Amps:	105A
Max Continuous Power Watts:	1280
Max Discharge Peak Current Amps:	200A (10 Seconds)
Max Charge Current Amps:	100A
Charge Temp Range:	-10°C (14°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	22.1 (LBS)
Depth Inches:	6.6
Width Inches:	10.2
Height Inches:	8.3
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel - 4S4P

PRODUCT PICTURES



12V 300AH



EPOCH
BATTERIES

11 YEAR
MANUFACTURER
WARRANTY

Features: IP54, Bluetooth, Self-Heating

ELECTRICAL SPECIFICATIONS

Voltage:	12.8V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10 - 14.6V
kWh Capacity:	3.84 kWh
Ah Capacity:	300Ah
Cell Configuration:	4S1P
Max Continuous Discharge Amps:	300A
Max Continuous Power Watts:	2560
Max Discharge Peak Current Amps:	400A (3 Seconds)
Max Charge Current Amps:	30A
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	58 (LBS)
Depth Inches:	7.5
Width Inches:	13.6
Height Inches:	9.7
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel - 4S4P

PRODUCT PICTURES



Chargers



EPOCH
BATTERIES

Heated & Bluetooth - LiFePO4

11 YEAR
MANUFACTURER
WARRANTY



Chargers



EPOCH
BATTERIES

12V 15A BATTERY CHARGER



Description:
12V Lithium LiFePO4 Charger

Voltage: 12V
Amperage: 15A
Input Voltage: 120V

24V 15A BATTERY CHARGER



Description:
24V Lithium LiFePO4 Charger

Voltage: 24V
Amperage: 15A
Input Voltage: 120V

36V 15A BATTERY CHARGER



Description:
36V Lithium LiFePO4 Charger

Voltage: 36V
Amperage: 15A
Input Voltage: 120V

48V 22A BATTERY CHARGER



Description:
48V Lithium LiFePO4 Charger

Voltage: 36V
Amperage: 22A
Input Voltage: 120V

Contact Us



EPOCH
BATTERIES

EPOCH
BATTERIES
GET CHARGED, STAY CHARGED

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BATTERIES
GET CHARGED, STAY CHARGED

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Get to Know

More of Us