

# DEEP CYCLE IONIC BATTERY OVERVIEW TABLE

Ionic Model Number	Voltage	Capacity	Chemistry	Weight	Dimensions	Life Cycles	Max Charge Voltage	Recommended Float Charge Voltage	Discharge Cut-Off Voltage	Output Voltage Range	Max Charge Current	Max Discharge Current	Pulse Discharge Current	Bluetooth	Operating Temperature	BCI Group Size	Terminal
<a href="#">IC-12V6-EP*</a>	12V	6Ah, 77Wh	LiFePo	2.0lbs (0.9kg)	5.9"x2.55"x3.7" 150x65x94mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	6A	6A	35A (3S)	N/A	-20~60C - 4F~140F	None	F2
<a href="#">IC-12V9-EP</a>	12V	9Ah, 115Wh	LiFePo	2.8lbs (1.3kg)	5.9"x2.55"x3.99" 150x65x101mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	9A	9A	35A (3S)	N/A	-20~60C - 4F~140F	None	F2
<a href="#">IC-12V12-EP4S</a>	12V	12Ah, 158Wh	LiFePo	3.5lbs (1.6kg)	5.91"x3.96"x3.99" 150x(97)x101mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	12A	30A	60A (3S)	Bluetooth	-20~60C - 4F~140F	None	F2
<a href="#">IC-12V20-EP4S</a>	12V	20Ah, 256Wh	LiFePo	6.6lbs (3.0kg)	5.9"x2.55"x3.7" 180x76x165mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	10A	20A	(70A) (3S)	Bluetooth	-20~60C - 4F~140F	None	M6
<a href="#">IC-12V30-EP4S</a>	12V	30Ah, 384Wh	LiFePo	11.7lbs (5.3kg)	7"x6.5"x6.7" 178x165x196mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	15A	(30A)	(70A) (3S)	Bluetooth	-20~60C - 4F~140F	25	3/8 UNC Thread
<a href="#">IC-12V50-EP4S</a>	12V	50Ah, 640Wh	LiFePo	16.5lbs (7.5kg)	7"x6.5"x6.7" 178x165x196mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	25A	60A	150A (3S)	Bluetooth	-20~60C - 4F~140F	25	3/8 UNC Thread
<a href="#">IC-12V100-EP4S</a>	12V	100Ah, 1280Wh	LiFePo	28.0lbs (12.7kg)	6.7"x12.1"x8.3" (165x318x215mm)	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	50A	100A	500A (5S)	Bluetooth	-20~60C - 4F~140F	31	3/8 UNC Thread
<a href="#">IC-12V125-EP4S</a>	12V	125Ah, 1600Wh	LiFePo	34.2lbs (15.5kg)	12.55"x6.5"x9.2" 319x165x234mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	50A	100A	500A (5S)	Bluetooth	-20~60C - 4F~140F	31	3/8 UNC Thread
<a href="#">IC-12V125-EP4S (Heater)</a>	12V	125Ah, 1600Wh	LiFePo	34.2lbs (15.5kg)	12.55"x6.5"x9.2" 319x165x234mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	50A	100A	500A (5S)	Bluetooth	-20~60C - 4F~140F	31	3/8 UNC Thread
<a href="#">IC-12V300-EP (Heater)</a>	12V	300Ah, 3840Wh	LiFePo	83.1lbs (37.7kg)	20.5"x10.6"x8.7" 521x269x221mm	3000 @ 80% DOD	14.6±0.1V	13.8±0.1V	-8.0V	-8.0~14.6V	200A	200A	(450A) (3S)	Bluetooth	-20~60C - 4F~140F	31	3/8 UNC Thread
<a href="#">IC-24V10-EP</a>	24V	10Ah, 256Wh	LiFePo	6.6lbs (3.0kg)	7.1"x3.0"x6.5" 180x75x166mm	3000 @ 80% DOD	29.2±0.1V	27.6±0.2V	~16.0V	-8.0~25.6V	10A	15A	55A (3S)	N/A	-20~60C - 4F~140F	None	F8
<a href="#">IC-24V50-EP</a>	24V	50Ah, 1280Wh	LiFePo	32.0lbs (14.5kg)	12.4"x6.5"x8.5" 318x165x215mm	3000 @ 80% DOD	29.2±0.1V	27.6±0.2V	~16.0V	~16.0~29.2V	25A	(50A)	150A (3S)	Bluetooth	-20~60C - 4F~140F	31	3/8 UNC Thread
<a href="#">IC-36V50-EP</a>	36V	50Ah, 1280Wh	LiFePo	45lbs (20.5kg)	19.1"x6.7"x9.5" 484x170x241mm	3000 @ 80% DOD	43.8±0.1V	41.4±0.2V	~24.0V	~24.0~43.8V	25A	60A	(350A) (3S)	Bluetooth	-20~60C - 4F~140F		3/8 UNC Thread
<a href="#">IC-36V27-HP</a>	36V	27Ah, 1,382Wh	LiFePo4		10.2"x 7.1"x 11.7" 260x180x298mm	3,000 @ 80% DOD	43.8V ±0.1V		~32.0V		30A	150A		Bluetooth	<sup>°F</sup> -20~60 -4 ~140	GC2	M8
<a href="#">IC-48V27-HP</a>	48V	27Ah, 1,382Wh	LiFePo4	33.1lbs (15.0kg)	10.2" x 7.1" x 10.4" 260x180x265mm	3,000 @ 80% DOD	58.4V ±0.1V		~32.0V		30A	150A		Bluetooth	<sup>°F</sup> -20~60 -4 ~140	GC2	M8