



**MAPLE LEAF**  
*power systems*

**12.8 V 100Ah-300Ah**

Maple Leaf Power Systems proudly presents its latest innovation - the cutting-edge Lithium Iron Phosphate battery, complete with a state-of-the-art Battery Management System and active heating technology designed to tackle even the harshest of Canadian winters.

Our Maple Leaf Solar 12V Battery is the ultimate solution for RV enthusiasts, homeowners seeking a full-house solar system, avid golfers in need of reliable power for their carts, and anyone seeking a drop-in replacement for their traditional lead-acid battery.

Experience the peace of mind that comes with inherent safety, extreme high reliability, and zero maintenance requirements. Compared to its lead-acid counterparts, our lithium battery boasts more than twice the usable capacity and an impressive life cycle that exceeds three times that of traditional lead-acid batteries - all while weighing in at a mere 40% of the weight!

Say goodbye to the limitations of lead-acid technology and embrace the future with our top-of-the-line Maple Leaf Lithium Battery. Ideal for marine, RV, golf carts, and solar storage applications, this battery is truly a game-changer. Don't settle for less - upgrade to Maple Leaf Power Systems today!



## Caution

Electric shock hazard.  
Do not connect in reverse or short circuit.  
Do not expose to excessive heat.  
Do not disassemble.  
Do not impact & crush.

Risque de choc électrique.  
Ne vous connectez pas en marche  
arrière ou en court-circuit.  
Ne pas exposer à une chaleur excessive.  
Ne pas démonter.  
N'avez pas d'impact et écraser.

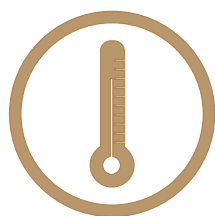
# Lithium Iron Phosphate Batteries

Maple Leaf Power Systems has developed a Lithium Iron Phosphate battery that comes equipped with a built-in Battery Management System (BMS) and active heating technology, designed specifically to handle harsh Canadian winters. The Maple Leaf Solar 12V Battery is perfect for RVs, full house solar systems, golf carts, and can be used as a drop-in replacement for any lead-acid battery.

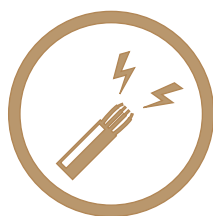
It provides inherent safety, extreme reliability, and requires zero maintenance. Compared to lead-acid based batteries of the same capacity, our battery offers more than twice the usable capacity and a life cycle that exceeds three times that of traditional lead-acid batteries - all while weighing in at only about 40% of the weight. Our Lithium Iron Phosphate battery is an ideal replacement for lead-acid batteries in a variety of applications, including marine, RV, golf carts, and solar storage.



Over-Voltage  
Protection



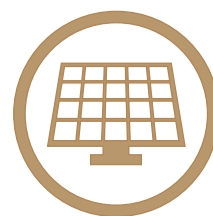
Temperature  
Protection



Over-Current  
Protection



Short-circuit  
Protection



Heating Element  
for Canadian  
winters operations

The LifePo4 Cells in this battery confirm to UL9540A standards  
intertek report number 211215121GZU-001

 [www.MapleLeafPowerSystems.com](http://www.MapleLeafPowerSystems.com)

# TECH & SPECS

Item/Model	12V 100AH	12V 200AH	12V 300AH
Nominal Voltage	12.8V	12.8V	12.8V
Nominal Capacity	100AH	200AH	300AH
Rated Energy	1.28kWh	2.56kWh	3.84kWh
Internal Resistance (@1kHzAC)	≤ 20mΩ	≤ 20mΩ	≤ 20mΩ
Charge Voltage	14.0-14.6V	14.0-14.6V	14.0-14.6V
Float Voltage	13.6-13.8V	13.6-13.8V	13.6-13.8V
Recommended Charge Current	≤ 50A	≤ 100A	≤ 150A
Recommended Discharge Current	100A	200A	200A
Cycle Life	≥6000	≥6000	≥6000
Dimension(L*W*H)	318*165*225mm	505*172*225mm	521*280*235mm
Weight	10kg (22Lb)	27kg (60Lb)	40kg (88Lb)



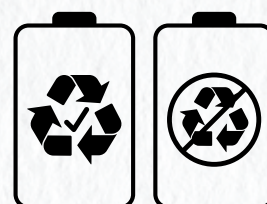
Bluetooth



UN38.3



Li-ion battery MH 64654



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