

# OPLi



**OMNIPOWER**  
ELECTRICITY EVERYWHERE

## LITHIUM IRON PHOSPHATE (LiFePO<sub>4</sub>) RECHARGEABLE BATTERY

The Omnipower OPLi is a 12V lithium iron phosphate battery designed to replace conventional lead-acid based batteries. An onboard Battery Management System (BMS) provides monitoring and control of critical battery functions. The OPLi can be used individually or in series to create a 48V system and will fit into existing cabinets using existing cables. Performance factors such as 90% depth of discharge, significantly higher cycle life and faster recharge times make the OPLi a very cost-effective and light energy storage choice.



### HIGHLIGHTS



#### HARD CORE

Strong metal frame protects the battery pack against knocks and drops and ensures better stability and greater safety in high-vibration environments like RV/Marine.



#### Long Cycle Life

Up to 5 times the cycle life of lead acid



#### Ultra-Low Self Discharge

<2% per month



#### More Usable Capacity

Up to 100% usable energy



#### BMS Protection

Ensures safety and efficient operation



#### Fast Charging

Charges faster than a lead acid battery



#### Charging

Compatible with AGM battery chargers



#### Light Weight

1/3 of the weight of a lead acid battery



#### Increased Flexibility

Up to 4 batteries can be connected in series



#### Easy Installation

Drop-in replacement for lead acid battery



#### Environmentally Friendly

Non toxic, no acid, can be installed upright or on its side.

# OPLi

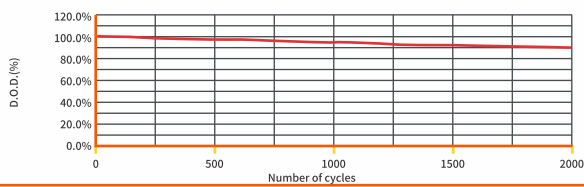
## LITHIUM IRON PHOSPHATE (LiFePO<sub>4</sub>) RECHARGEABLE BATTERY

### SPECIFICATIONS

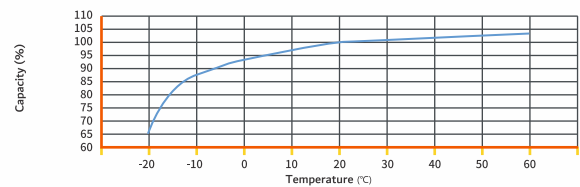
Model	Capacity (Ah)	Energy (Wh)	Charge Current (A)	Max Charge Current (A)	Max Discharge Current (A)	Pulse Current (<3S)	Dimensions (MM)	Weight	Terminal
OPLi-7	8	102	1.6	8	8	16	151*65*100	1kg	F1/F2
OPLi-10	10	128	2	10	10	20	151*98*100	1.5kg	F2
OPLi-100	100	1280	20	100	100	300	333*172*221	14.7kg	M8
OPLi-200	200	2560	40	100	100	300	522*240*245	27.5kg	M8

2 Year Warranty

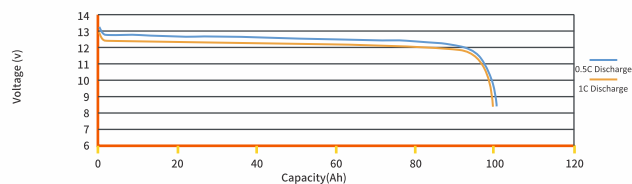
Cycle Life vs Depth of Discharge



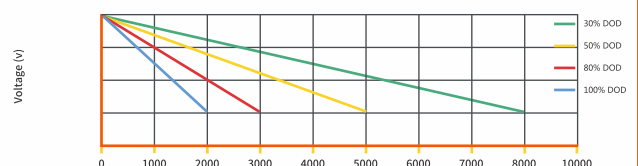
Temperature vs Capacity



Discharge Characteristic Curve



Cycle Life Curve @1C



### APPLICATIONS

Solar



Marine



Electric Vehicle



RV



Floor Machine



Streetlight

