

# Lithium Iron Phosphate Battery Pack

SOLAR LIGHTING SYSTEMS



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

## DESCRIPTION

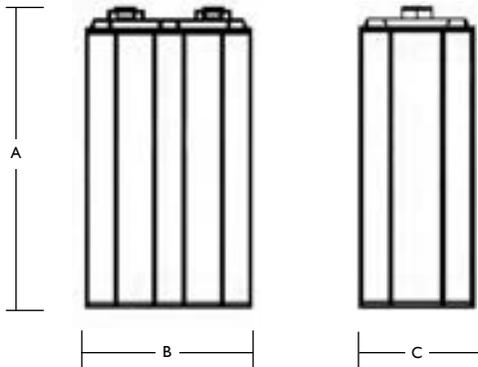
The ActiveLED® Lithium Iron Phosphate cell batteries offer longer lasting batteries with patented cell design and state-of-the-art technology to ensure safety, reliability and power. Lithium Iron Phosphate (LiFePO<sub>4</sub>) batteries are considered the safest on the market, combining the stability that is intrinsic to the technology with a patented cell design. The batteries pass the stringent UN/DOT testing, do not contain poisonous chemicals, and do not experience thermal runaway.

\*Individual cell shown, sold either in a pack of 8 for 24 Watt System or a pack of 16 for 48 Watt System, see Factory for details.



Lithium Iron Phosphate Battery Pack\*

## DIMENSIONS \*

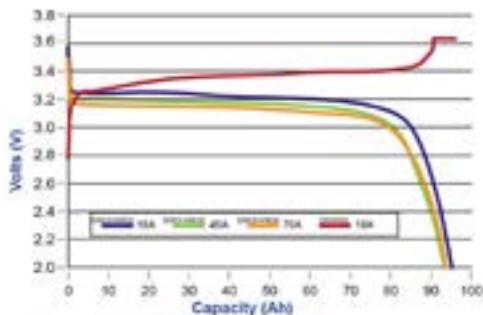


A	B	C
6.13"	4.69"	40.32"
15.57cm	11.91cm	102.41cm

## FEATURES

- Ultra light, one fifth the weight of equivalent lead-acid batteries on average
- Two to four times the service life of lead-acid batteries
- Super-fast recharge rate
- No explosive gasses during charge

## VOLTS/CAPACITY



**ActiveLED®**  
Energy Efficient Lighting and Controls.



## MOUNTING OPTIONS



NOTE: Contact Factory for more information regarding Mounting Options.

## GENERAL SPECIFICATIONS

Nominal Capacity @ C/5 (Ahr)	89.6
Average Operating Voltage @ C/5	24 or 48
Continuous Discharge (A)	≤90
Pulse Discharge (A) 30 seconds	300
Charge Current (A)	≤18
High Temp Operating Temp (°C)	85° C (185° F)
Low Temp Operating Temp (°C)	-40° C (-40° F)

## RECOMMENDED OPERATING CONDITIONS

Pulse Discharge (A) 30 seconds	300
Charge Current (A)	≤18
Dimensions (24V)	8.75" (22.23cm) Height, 4.78" (12.14cm) Length, 19.2" (48.78cm) Width
Weight (24V)	39.66 lbs, 18.0 Kg.
Dimensions (48V)	8.75" (22.23cm) Height, 4.78" (12.14cm) Length, 38.4" (97.56cm) Width
Weight (48V)	79.32 lbs, 36.0 Kg.

## WARRANTY

Five (5) Year Warranty - When used with the ActiveLED® Solar Controller.

## LISTINGS AND TESTS

Tested and certified to the specifications of UL 1642.

## ORDERING INFORMATION

Example: PACK-2490LIFE

<b>Pack</b>		<b>90</b>	<b>LIFE</b>
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Pack	Voltage	Amp Hours	Optics
<b>Pack</b>	<b>24</b>	<b>90</b>	<b>LIFE</b>
Battery Pack (Not individual battery)	VDC	Ahr	Lithium Iron Phosphate
	<b>28</b>		
	VDC		
	<b>48</b>		
	VDC		