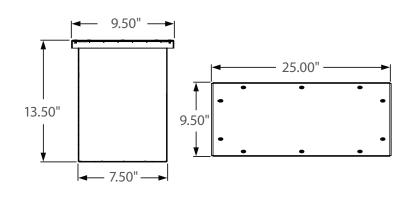
100Ah 24VDC LFP HORIZONTAL BATTERY PAC







Incredible OFF GRID Operation

GENERAL DESCRIPTION

Neptun's LFP 24V battery systems feature a long life, fully rechargeable unit. The exceptional storage system allows for over 30 hours of use without a single recharge. It can be used in a variety of applications along side Neptun's solar compatible lighting fixtures and PV Solar Panel systems.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Billboard & Sign Lighting
- Parking Garage Lighting
- **Building Accent Lighting**

STRUCTURE, MATERIALS, & FEATURES

- · Heavy-gauge, die-cast aluminum housing.
- Lithium Iron Phosphate (LFP) Batteries.
- Intelligent PWM Charge/Discharge Controller for MPPT operation.
- Programmable On/Off time of operation for 4, 6, 8, 10, or 12 hours.
- Corrosion resistant electrocoat gray finish (custom colors available).
- · Hinged aluminum door frame incorporates stainless steel hardware.
- · Continuous silicone gasketing surrounds housing for weather tight seal.
- Free standing mount.
- 5 Year Warranty on complete unit.
- · Compatible with Neptun LED & Induction 24VDC lighting fixtures (60-80W).

ORDERING INFORMATION

Sample Number: NE-LFP-100Ah-24VDC-FSM Custom options and accessories available. Please consult factory

Series System		Voltage	Mounting	
]				
HLFP = Lithium Iron Phosphate	100Ah = 100 Amp Hour	24VDC = 24 Volt DC	FSM = Free Standing Mount	
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SOLAR

100Ah 24VDC LFP HORIZONTAL BATTERY PACK WITH SOLAR CHARGE CONTROLLER

PRODUCT INFORMATION - LFP 24V BATTERY

Model No.	Typical Capacity	Nominal Voltage	Discharge Cutoff	Max Charge Voltage	Max Discharge Current
NE-HLFP-100Ah-24VDC	100 Ah	24V	AUTO @ 20% CAPACITY	40V	20A

PRODUCT INFORMATION - PWM Solar Charge Controller

Model No.	Total Rated Charge Current (Max)	Total Rated Load Current (Max)	System Voltage
NE-CL10-20-24VDC	20A	20A	24V/12V AUTO

SPECIFICATIONS

Battery Type	Lithium Iron Phosphate	System Cycles	.5,000
System Voltage		Weight	
Charge Operating Temperature	0°C - 45°C	EPA Rating	2.0 ft ²
Discharge Operating Temperature		FCC Compliance	
Storage Temperature	20°C - 55°C	UL Standard 1703	. Yes
Storage Humidity	. < 85%	Warranty	. 5 Year

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