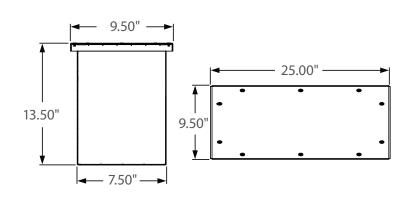


70Ah 24VDC LFP HORIZONTAL BATTERY PACK







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 24V lighting fixtures (40-50W).

ORDERING INFORMATION

Sample Number: NE-HLFP-70Ah-24VDC-FSM Custom options and accessories available. Please consult factory

Series System		Battery Size Voltage		Mounting	
	- -	†	·	·	
NE = Neptun Energy	HLFP = Lithium Iron Phosphate	70Ah = 70 Amp Hour	24VDC = 24 Volt DC	FSM = Free Standing Mount	







SOLAR

70Ah 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-70Ah-24VDC	70 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.System VoltageCharge Operating Temperature.	24 VDC	Weight EPA Rating FCC Compliance	1.33 ft ²
· Discharge Operating Temperature	20°C - 60°C	UL Standard 1703	
Storage Temperature	20°C - 55°C	Warranty	5 Year
Storage Humidity	< 85%		