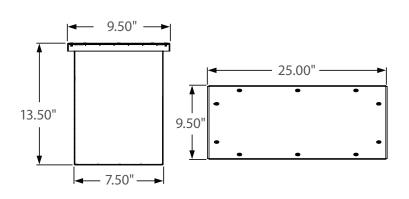


SOLAR

180Ah 24VDC LFP 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

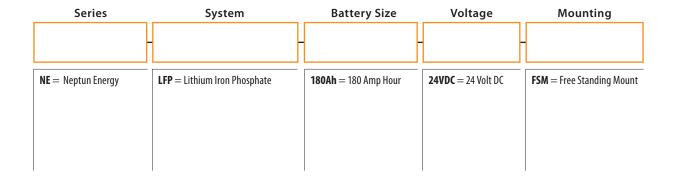
- · Street Lighting
- · Parking Lot Lighting
- · Billboard & Sign Lighting
- · Parking Garage Lighting
- · Building Accent Lighting

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.
- · Square or Round pole mounting brackets included.
- · 5 Year Warranty on complete unit.
- · Compatible with Neptun LED & Induction 24VDC lighting fixtures (85-175W).

ORDERING INFORMATION

Sample Number: NE-LFP-180Ah-24VDC-FSM Custom options and accessories available. Please consult factory









SOLAR 180Ah 24VDC LFP 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-LFP-180Ah-24VDC	180 Ah	24V	AUTO @ 20% CAPACITY	40V	20A

PRODUCT INFORMATION - PWM Solar Charge Controller

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

SPECIFICATIONS

Battery Type.	Lithium Iron Phosphate		Weight	85 lbs
System Voltage	24 VDC		EPA Rating	2.43 ft ²
Charge Operating Temperature		•	FCC Compliance	Part 18, Subp. C
Discharge Operating Temperature	20°C - 60°C		UL Standard 1703	Yes
Storage Temperature	20°C - 55°C		Warranty	5 Year
Storage Humidity	< 85%			