

# Solar POE Station EP-SOL-POE-0136

Designed to provide power to POE devices with limited access to electrical utilities. The EP-SOL-POE-0136 has built in Power Over Ethernet (POE) and available integrated Wireless LTE Connectivity. Powered by an industry leading 36 AH battery, expand the possibilities of your POE device solutions.



Product Overview

**The Solar POE Station has a robust and durable construction with**

Die-cast powder coated aluminum housing

Heavy Duty powder coated aluminum mount

**Option to support two 48V or one 24V & one 48V POE devices**

**Available CradlePoint LTE Remote Router**

**Weatherproof IP66 and IK08 ratings (Except Solar Panel IK07)**

**LiFePO<sub>4</sub> battery with 2000 lifecycles, safe and reliable**

**High quality monocrystalline solar panel**

**Smooth surface design reduces debris and self cleans with rain.**

**Easy access to battery compartment**

**Post top and side entry optional with multiple  $\phi 60$ mm spigot configurations**

**Adjustable LED module w/ motion detection available**

**2 years warranty**

**Suitable for roads, parks, parking lots, campuses, construction sites, bus stops, and agricultural use**

# Solar POE Station

System Voltage	24V	
Monocrystalline Solar	120W/36V	
LiFePO <sub>4</sub> Battery	25.6V/36AH	
POE Switch	2 Ports IEEE802.3af/at @PoE+	1 Port 24v/0.5A@PoE 1 Port IEEE802.3af/at @PoE+
4G Gateway	12V DC Power Supply Idle:2.7W (1.8W with Wi-Fi off)   Typical: 3.6W (2.8W with Wi-Fi off)   Heavy usage: 5.8W	
Charge Time (H)	8.5~9 during peak sunshine	
System Power	About 18W	
Charge Temperature	32° F ~ 131° F   0° C ~ 55° C	
Discharge Temperature	-7° F ~ 140° F   -20° C ~ 60	
Storage Temperature	32° F ~ 113° F   0°C~ 45°C	
Warranty	2 y	
Housing Materials	Die-casting Aluminum Housing + Extruded Aluminum Frame + PC	
Finishing	Dark Grey Pantone 8403C	
IP/IK	IP66/IK08 (Except Solar Panel IK07)	
Spigot Diameter (mm)	Φ60	
Maximum projected area w/ light (ft <sup>2</sup> )   (m <sup>2</sup> )	6.71   0.62	
Wind-Resistance (m/h)   (km/h)	99   160	
Solar POE Station Dimension (in)   (mm)	60.6x15.7x5.4   1540x400x138	
Package Dimension (in)   (mm)	64.8x19x10   1647x480x254	
Net Weight (±0.5lbs)   (±0.2kg)	53   24 (without battery)	
Gross Weight (±0.5lbs)   (±0.2kg)	59.5   27 (without battery)	

Specification Details