

SunSmart 210 210 watt 12/24Vdc Solar Electric Power System

The SunSmart 210 is a self contained 12/24 Vdc Solar Electric Power System designed for remote wireless surveillance applications. It is designed for ease of installation and a minimum amount of maintenance. The system includes all hardware and accessories needed to install it on a utility pole. Designed for industrial applications, the SunSmart 210 delivers superior performance in all weather conditions. The system provides 255 Amp Hours of power to operate equipment with additional battery bank in the event of a temporary weather related or other adverse event. The SunSmart 210 utilizes an intelligent technology that will disconnect the battery from the wireless equipment in the event the voltage drops below 11.6 volts. As the batteries recharge, the controllers bring the devices back online. These features significantly prolong the life of the batteries.



Solar Panel:	Battery:	Smart Technology Power Controller:	Weather proof battery/electronics box:	Side of pole solar panel mounts:
<ul style="list-style-type: none"> ▪ Pmax: 210 watts ▪ Voc: 33.2V ▪ Isc: 8.58A ▪ Vpm: 26.6V ▪ Ipm: 7.90A ▪ Dimensions: 59.1”L x 39”W x 1.4”D ▪ Weight: 40.8 lbs ▪ Wind Load: 125 mph 	<ul style="list-style-type: none"> ▪ Voltage: 12/24vdc ▪ Amps: 255 ▪ Construction: AGM Deep Cell Solar ▪ Dimensions: 20.62” x 10.95 x 10.17” ▪ Weight: 165 lbs 	<ul style="list-style-type: none"> ▪ Peak Efficiency: 97.5% ▪ Nom Battery Voltage: 12 or 24 ▪ Max battery Current: 15Amps ▪ Battery Voltage Range: 7-36 volts ▪ Max PV Open Circuit voltage: 75 volts ▪ Nom Max PV input: 200 watts @12v ▪ Output Rating: 15 Amps load control ▪ Self Consumption: 35ma ▪ Transient Surge Protection: 4 x 1500 Watts ▪ Operating Temp: -40c to +60c ▪ Electronic Protections: <ul style="list-style-type: none"> - Overload, short circuit, high voltage, reverse polarity, battery, PV & load, lightning & transient surges, high temp, reverse current at night 	<ul style="list-style-type: none"> ▪ Vented Aluminum enclosure with welded side of pole mounts ▪ Dimensions: 25” x 18” x 18” 	<ul style="list-style-type: none"> ▪ 5052 H32 Aluminum, cold roll steel and special high strength hot roll steel for Top of Pole Braces, Tilt Plates and Cross Rails to stay in compliance with the 125 mph wind load rating.