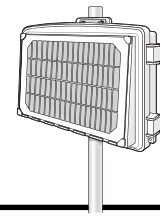


# Solar Power Kit & Heavy Duty Solar Power Kit



**6614**  
**6612**

**Vantage Pro2™ Systems**

The Solar Power Kit and the Heavy Duty Solar Power Kit allow you to power and shelter your Vantage Pro2™ or Vantage Vue<sup>®</sup> console, or your Weather Envoy™ or Envoy8X™ for remote or field installations. The kits consist of three key elements: a solar panel, a battery, and a charging circuit; in a protective housing in which the console or Envoy can be mounted.

## General

Charging Temperature	-4° to +122°F; -20° to +50°C
Operating Temperature	-40° to +149°F; -40° to +65°C
Housing Material	Rugged ASA plastic
Dimensions (width x length x height)	13.75 X 10 X 4.18 inches; 34.9 X 25.4 X 10.6 cm
Weight	
6614	4.58 lbs; 2.08 kg
6612	7.65 lbs, 3.47 kg
Solar Panel (@ 1000w/m <sup>2</sup> )	
Nominal power	5 watt
Voc	21.6V
Isc	300mA
Vmp	18V
Imp	277mA
Included Cable	10' (3 m) console/Envoy main power cable

## Battery

<b>6614</b>	
Replacement Part Number	7011.005
Battery Voltage	6 volts
Battery Capacity	1.4 Ah
Estimated Battery Run Time (in darkness)	
Powering a wireless Vantage Pro2 console	58 days
Powering a cabled Vantage Pro2 console	10 days
Powering a Vantage Vue console	60 days
Powering an Envoy8X with 1 ID	60 days
Powering an Envoy8X with 4 IDs	48 days
Powering an Envoy8X with 8 IDs	23 days

<b>6612</b>	
Replacement Part Number	7011.025
Battery Voltage	6 volts
Battery Capacity	12 Ah
Estimated Battery Run Time (in darkness)	
Powering a wireless Vantage Pro2 console	over 200 days
Powering a cabled Vantage Pro2 console	100 days
Powering a Vantage Vue console	Over 200 days
Powering an Envoy8X with 1 ID	Over 200 days
Powering an Envoy8X with 4 IDs	Over 200 days
Powering an Envoy8X with 8 IDs	200 days

## Charging Circuit

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- High-efficiency switching charger
- Maximum-Peak-Power-Tracking (MPPT) at 18V - Typical for 12V solar-panel
- Charges 6V SLA battery @ 2A max
- Charging voltage temperature compensation
- Low-temperature charging cut-out
- High-temperature charging cut out
- Low-battery load disconnect
- Reverse battery protection
- Designed to have multiple batteries and/or solar-panels added in parallel to extend capacities

## Package Dimensions

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Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
6614	14.75" x 11" x 5.25" 37.47 x 27.94 x 13.34 cm	5.9 lb 2.68 kg	011698009817
6612	14.75" x 11" x 5.25" 37.47 x 27.94 x 13.34 cm	9.35 lb 4.24 kg	011698009800

