

# Wholesale Solar

1-800-472-1142



## Wholesale Solar's Select Solar Grid-tie Systems

***Spin your meter backwards! Enjoy knowing you are powering your home with clean renewable energy, leaving a cleaner environment and reducing your energy bills for years to come.***

***This Wholesale Solar Select Grid Intertie System provides up to 4,620 watts of solar power per hour.***



Part Number: 2246200

***At Wholesale Solar we have assembled hundreds of complete solar electric systems. Call us today to discuss your new renewable energy system!***

**Wholesale Solar, Inc.**  
P.O. Box 124  
Mount Shasta CA 96067  
Toll Free 800-472-1142  
Fax 530-926-1162  
[www.wholesalesolar.com](http://www.wholesalesolar.com)

*Twenty-two Kyocera KD210 solar panels and a powerful Solectria inverter combine for an unbeatable solar electric system for your home or business. Power from the sun pours onto the panels and down to the inverter which perfectly syncs your home and grid power needs. Feeding your household needs first, excess power is then fed backwards through your electric meter for a credit from the power company.*

*Virtually maintenance-free, with an expected life of over 30 years, your investment increases in value every time electricity rates go up.*

### These are the pieces of equipment that make up this system:

- 22 Kyocera KD210GX-LPU 210 watt solar module
- 1 Solectria PVI5000 Gridtie Inverter, 5,000 watts
- 4 MC4 10 AWG - 100' cable extension
- 1 Square D 30 amp DU221RB 250V AC Disconnect NEMA 3R
- 1 LA302 DC Lightning Arrestor for DC Systems
- 1 LA302R Lightning Arrestor for 120/240v AC
- 4 1/2" Strain Relief for #10 or #12 wire
- 1 WSS Select System Wiring Diagram
- 4 IronRidge Rail, XRS 1 at 168" (14 Feet) Anodized
- 8 IronRidge Rail, XRS 1 at 144" (12 Feet) Anodized
- 8 IronRidge Kit, Splice XRS
- 8 IronRidge Kit, XRS L Feet (4) set
- 2 IronRidge XRS Kit, End Clamp Black "F" 1.81" (4) Set
- 10 IronRidge XRS Kit, Mid Clamp Black "F,G" 2.5" (4) Set
- 22 IronRidge XRS WEEB Ground Clip
- 8 IronRidge XRS WEEB Ground Jumper
- 4 IronRidge XRS WEEB Ground Lug

**This system qualifies for a Federal Tax Credit of 30% of the installed cost!**

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***Kyocera Solar KD solar modules, manufactured in North America, set the standard for quality and reliability.***



Kyocera is one of the most trusted solar manufacturers in the world. And for good reason. Kyocera has been making solar modules for 30 years. When they warrant a module for 20 years, they have proof not just an advertising campaign.

Kyocera's advanced cell processing technology and automated production facilities have produced a multi-crystalline solar cell with an efficiency of over 16%. All modules are constructed using a tempered glass front, EVA pottant and PVF backing to provide maximum protection from the severest environmental conditions.

The entire laminate is framed in a heavy duty anodized aluminum frame to provide structural strength and ease of installation. Because Kyocera modules are so efficient, less space is required than for other solar modules of equal output. This translates to both more wattage per square foot and lower mounting structure costs.

## ***Solectria Inverter features***

- An NEC compliant, integrated DC disconnect, standard in the Solectria PVI3000 and PVI5000, eliminates the need for external DC (PV) disconnects.
- Large heat-sink offers extraordinary heat dispersion. PVI5000's have a quiet cooling fan to circulate air at higher temps.
- Liquid crystal display (LCD) provides instantaneous information – power level, daily and lifetime energy production, PV array voltage and current, utility voltage and frequency, time online “selling”, fault messages, and installer-customized screens.
- Simple, easy to follow, full color instructions for professional installation.
- Optional Internet remote monitoring and system troubleshooting available .
- Lightweight and easy to mount on the wall with the included bracket.
- Rugged NEMA 3R inverter enclosure allows reliable indoor and outdoor installations.
- Best-in-class efficiency to maximize solar system return on investment.
- Accurate MPPT tracking ensures maximum energy harvest under any conditions.
- 10-year standard warranty.
- Sealed inverter enclosure can be quickly separated from the wiring box allowing DC/AC connections to remain intact in the unlikely event the inverter needs to be serviced.



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