

# Wholesale Solar

1-800-472-1142



## **Wholesale Solar's Select Solar Gridtie 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 8,400 watts of solar power per hour.***



Part Number: 1284000

***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.**  
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*Forty Kyocera KD210 solar panels and two powerful Solectria inverters 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:**

- 40 Kyocera KD210GX-LP210 watt solar module
- 2 Solectria PVI4000 Gridtie Inverter, 4,000 watts
- 4 MC4 10 AWG - 100' Cable Extension
- 2 Square D 30 amp DU221RB 250V AC Disconnect NEMA 3R
- 1 MidNite MNPV-6, 6 position combiner box
- 4 CBI MNTS Fuse Holder FERRAZ USMI 600VAC 30 AMP
- 4 CBI MNATM-15 600VDC 15 amp Fuse
- 2 LA302 DC Lightning Arrestor for DC Systems
- 2 LA302R Lightning Arrestor for 120/240v AC
- 1 Midnite TBB - Red Terminal Buss Bar
- 4 1/2" Strain Relief for #10 or #12 wire
- 1 WSS Select System Wiring Diagram
- 24 IronRidge Rail, XRS 1 at 144" (12 Feet) Anodized
- 8 IronRidge Kit, Splice XRS (2) Set
- 14 IronRidge Kit, XRS Feet-Tall (4) set
- 18 IronRidge Kit, Mid Clamp 2.0" (4) Set, Bronze
- 4 IronRidge Kit, End Clamp 1.50" (4) Set, Bronze
- 40 Lay-in Ground Lug with Stainless Screw (1)
- 80 IronRidge WEEB Grounding Clip

***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'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 Selectria 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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