



solar electricity

Date: February 14, 2012

SHARP SOLAR MODULES/PANELS – QUALIFY for “BUY AMERICAN”

American Recovery and Reinvestment Act (ARRA) 2009

- ARRA Stimulus Package includes a “*Buy American*” clause, which is in accordance with U.S. Trade Agreement Act (FAR 52.225-5)
- Under International Agreements, the Government may acquire “U.S. made or designated country end products.”

Trade Agreement Act (1979) [FAR 52.225-5]

- U.S. made end product
An article that is mined, produced, or manufactured in the United States or that is substantially transformed in the United States into a new and different article of commerce with a name, character, or use distinct from that of the article or articles from which it was transformed. (FAR 25.003)
- World Trade Organization – Government Procurement Agreement (GPA) country end products
Each of the following countries is a WTO GPA country: Aruba, Austria, Belgium, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Taiwan and United Kingdom.

Sharp solar modules are manufactured in the United States and Japan, and qualify as “American” goods under the “Buy American” clause of the American Recovery and Reinvestment Act (ARRA).

*Sharp’s Japanese origin Thin Film Solar Modules comply with the “Buy American” provisions of the ARRA and GPA and can be bought or sold under this Buy American standard provided that the purchase is part of a construction contract with an estimated acquisition value of \$7,804,000 or more, which is the minimum threshold for the project for the international agreements to apply, and the contract/agreement does not specifically exclude compliance with international trade agreements as being acceptable for “Buy American”.



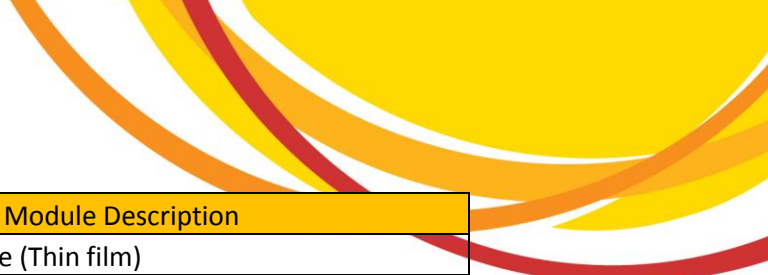
All Sharp Solar Modules qualify under the “Buy American” clause of the ARRA and include the following models:

Current Modules

| Item Number | Watts | SHARP Module Description |
|-------------|-------|--|
| ND240QCJ | 240 | 240-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND235QCJ | 235 | 235-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| NDQ235F4 | 235 | 235-Watt module(poly-crystalline) Black Sheet, Black Frame |
| NDQ230F4 | 230 | 230-Watt module(poly-crystalline) Black Sheet, Black Frame |
| NDF2Q235 | 235 | 235-Watt module(poly-crystalline) Black Sheet, Black Frame, Zep Compatible |
| NDF2Q230 | 230 | 230-Watt module(poly-crystalline) Black Sheet, Black Frame, Zep Compatible |
| NSF135G5 | 135 | 135-Watt Frameless Module (Thin Film) |

Archived Modules

| Item Number | Watts | SHARP Module Description |
|-------------|-------|--|
| NUQ240F2 | 240 | 240-Watt module(mono-crystalline) White Sheet, Silver Frame |
| NUU240F2 | 240 | 240-Watt module(mono-crystalline) White Sheet, Silver Frame |
| NUU240F1 | 240 | 240-Watt module(mono-crystalline) White Sheet, Silver Frame |
| NUQ235F2 | 235 | 235-Watt module(mono-crystalline) White Sheet, Silver Frame |
| NUU235F2 | 235 | 235-Watt module(mono-crystalline) White Sheet, Silver Frame |
| NUU235F1 | 235 | 235-Watt module(mono-crystalline) White Sheet, Silver Frame |
| NUQ235F4 | 235 | 235-Watt module(mono-crystalline) Black Sheet, Black Frame |
| NUU235F4 | 235 | 235-Watt module(mono-crystalline) Black Sheet, Black Frame |
| NUU235F3 | 235 | 235-Watt module(mono-crystalline) Black Sheet, Black Frame |
| NUQ230F4 | 230 | 230-Watt module(mono-crystalline) Black Sheet, Black Frame |
| NUU230F4 | 230 | 230-Watt module(mono-crystalline) Black Sheet, Black Frame |
| NUU230F3 | 230 | 230-Watt module(mono-crystalline) Black Sheet, Black Frame |
| NDU235Q2 | 235 | 235-Watt module(poly-crystalline) White Sheet, Silver Frame |
| NDU235Q1 | 235 | 235-Watt module(poly-crystalline) White Sheet, Silver Frame |
| NDQ230Q2 | 230 | 230-Watt module(poly-crystalline) White Sheet, Silver Frame |
| NDU230Q2 | 230 | 230-Watt module(poly-crystalline) White Sheet, Silver Frame |
| NDU230Q1 | 230 | 230-Watt module(poly-crystalline) White Sheet, Silver Frame |
| ND230QCJ | 230 | 230-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND230UCJ | 230 | 230-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND230UC1 | 230 | 230-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND224QCJ | 224 | 224-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND224UCJ | 224 | 224-Watt Module (poly-crystalline)White Sheet, Silver Frame |
| ND224UC1 | 224 | 224-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND216QCJ | 216 | 216-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND216UCJ | 216 | 216-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND216UC1 | 216 | 216-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| ND224UCJ | 224 | 224-Watt Module (poly-crystalline) White Sheet, Silver Frame |
| NDU230C1 | 230 | 230-Watt Module (poly-crystalline) - 3 Tab |
| NDU224C1 | 224 | 224-Watt Module (poly-crystalline) - 3 Tab |
| ND220UC1 | 220 | 220-Watt Module (poly-crystalline) |
| NT175UC1 | 175 | 175-Watt Module (mono-crystalline) |
| NE170UC1 | 170 | 170-Watt Module (poly-crystalline) |
| NE170U1 | 170 | 170-Watt Module (poly-crystalline) |
| ND198UC1 | 198 | 198-Watt Module (OnEnergy format, poly-crystalline) |
| ND176UC1 | 176 | 176-Watt Module (OnEnergy format, poly-crystalline) |
| ND130UJF | 130 | 130-Watt Module (Off Grid, poly-crystalline) |
| ND123UJF | 123 | 123-Watt Module (Off Grid, poly-crystalline) |
| NE80EJEA | 80 | 80-Watt module (Off Grid, poly-crystalline) |
| NAV128H1/5 | 128 | 128-Watt Framed Module (Thin Film) |
| NAV135H1/5 | 135 | 135-Watt Framed Module (Thin film) |



| Item Number | Watts | SHARP Module Description |
|-------------|-------|---------------------------------------|
| NAV142H1/5 | 142 | 142-Watt Framed Module (Thin film) |
| NSF125G5 | 125 | 125-Watt Frameless Module (Thin Film) |
| NSF130G5 | 130 | 130-Watt Frameless Module (Thin Film) |