



solar electricity

Preliminary Data Sheet

High Power Mono-Crystalline Photovoltaic Module



NU-U230F3



NU-U235F1

These 60 cell modules feature high performance monocrystalline cells with our universal frame. They can be mounted portrait or landscape and are compatible with many 3rd party mounting structures (consult Sharp for specific details).

Electrical (230 W and 235 W Models)

Nominal value at STC

Model	NU-U230F3	NU-U235F1
Power (Pmax), +10% / -5%	230 W	235 W
Voltage at Max Power (Vpmax)	30.0 V	30.0 V
Current at Max Power (Ipmax)	7.67 A	7.84 A
Open Circuit Voltage (Voc)	37.0 V	37.0 V
Short Circuit Current (Isc)	8.40 A	8.60 A

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Temperature Coefficients

Characteristic	Units	Value
Power	%/C	-0.485
Voc	%/C	-0.351
Isc	%/C	+0.053

Mechanical (framed)

Length	1,640 mm
Width	994 mm
Depth (with frame)	46 mm
Weight	20 kg
Connectors	MC-4

Design Considerations

Application standard	UL1703
Maximum Series Fuse Rating	15 A
Maximum system voltage	600 V
Maximum mechanical load	2,400 Pa

25-Year Limited Warranty (refer to complete Warranty Statement for details)

Output from min. rated power, first 10 years	90%
Output from min. rated power, balance of 25 years	80%

Packaging

2 Modules/Carton; 17 cartons/pallet

The above preliminary specifications represent the projected product performance (as of June 1, 2009) and are subject to change at any time. Based on 0409 Factory Specification. Expected to be CSI approved before August 1, 2009. June 8, 2009 update.

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