



Project X

LSX Module and Racking System

A true systems approach to photovoltaic module and racking integration

Features

Frameless Module

Benefits

- No aluminum = lower embodied energy
- Lower profile

Integrated Wireway

- Inaccessible conductors = 2008 NEC Optimized
- UV and Rodent Protection

No Module Grounding

- No ground lugs
- No continuous module equipment ground

Constrained Module Positioning

- Perfect alignment
- Speeds install time

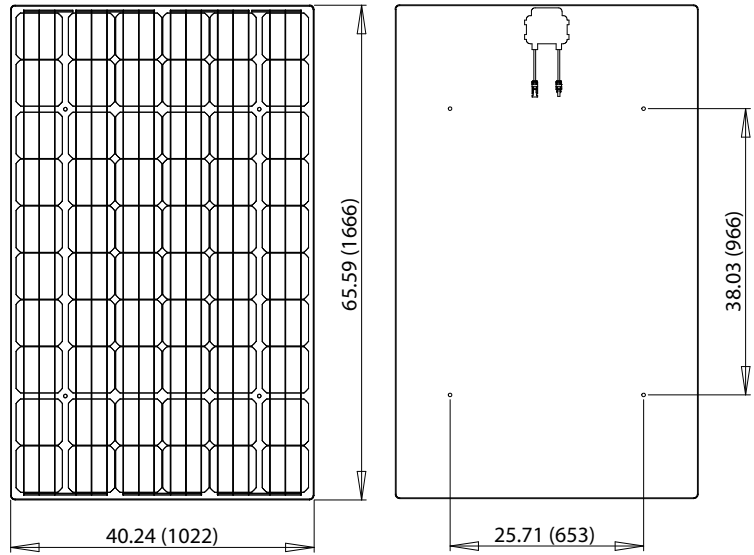
Available with black, clear or white back sheet

- Cosmetic options for different applications

Project X

Electrical Specifications

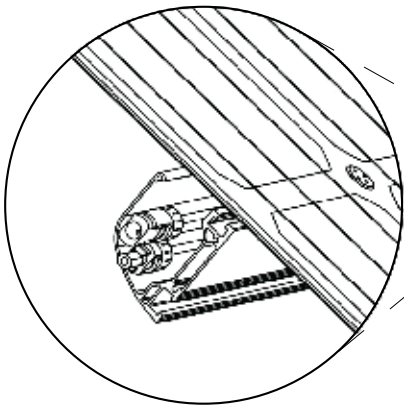
Model	LSX 270 - 60M
Rated Power @ STC	270 W
Nominal Voltage	24 V
Open Circuit Voltage (Voc)	37.30 V
Short Circuit Current (Isc)	9.15 A
Peak Power Voltage (Vmp)	30.38 V
Maximum Power Current (Imp)	8.89 A
Operating Temperature	-40 °C to 85 °C
Max System Voltage (UL / IEC)	600 V / 1000 V
Max Series Fuse Rating	20 A
Power Tolerance	±3%
Cell Efficiency	19.00%
Power Density	14.73 W/ft ²



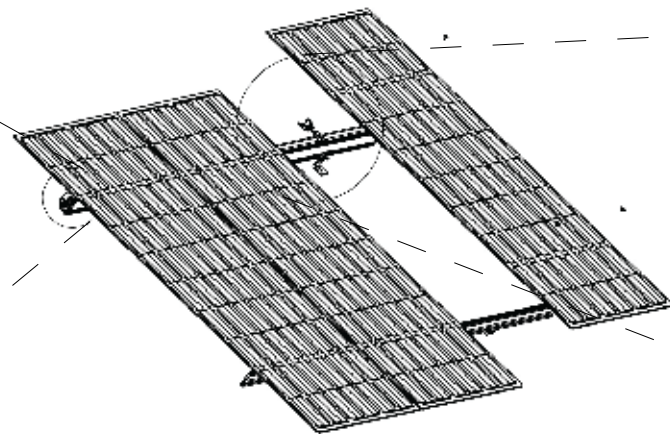
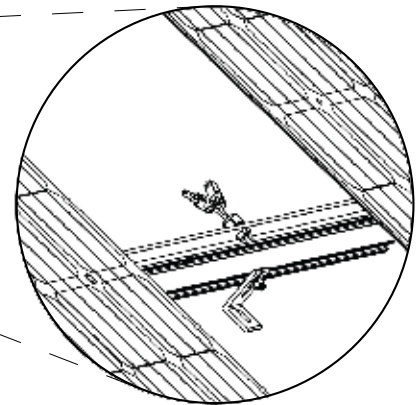
Mechanical Specifications

Solar Cell	Mono-crystalline 6" x 6" (156mm x 156mm)
Number of cells	60 (6 x 10)
Internal Bypass Diodes	6
Module Dimensions	65.59" x 40.24" (1666mm x 1022mm)
Module Area	17.48 ft ² (1.70 m ²)
Module Weight	49.75 lbs (22.6 kg)
Front Glass	.20" (5 mm) tempered glass
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Backsheet	White, Black and Clear
PowerRail Assembly Options	1, 3, & 6 Black Anodized Portrait Module Lengths 1, 2, & 3 Black Anodized Landscape Module Lengths
Output Cables	12 Awg. 6" (153 mm) MC4 Connectors
Static Load	50 PSF (2400 Pa)
Hail	Maximum Diameter 1" (25mm) at 52 mph (23 m/s)
Warranty	10 years at 90% of the rated power output, 25 years at 80% of the rated power output

Power Rail
END VIEW



Power Rail
MC4 J-BOX CONNECTION



PATENTS PENDING

Rev 3/2010