

## LSX 190 LSX Module

**A true systems approach to photovoltaic module and racking integration**

### Features

Frameless Module

No Module Grounding

Constrained Module Positioning

Available with black, clear or white back sheet

### Benefits

- No aluminum = lower embodied energy
- Lower profile

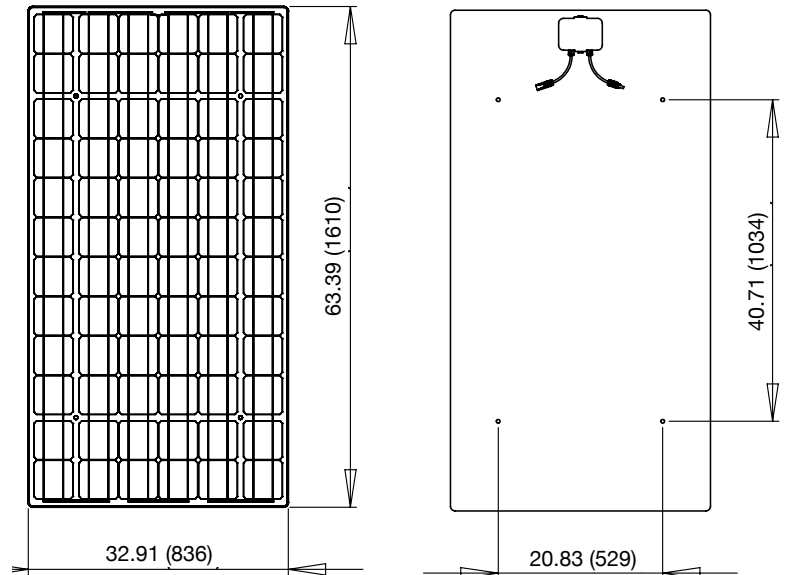
- No ground lugs
- No continuous module equipment ground

- Perfect alignment
- Speeds install time

- Cosmetic options for different applications

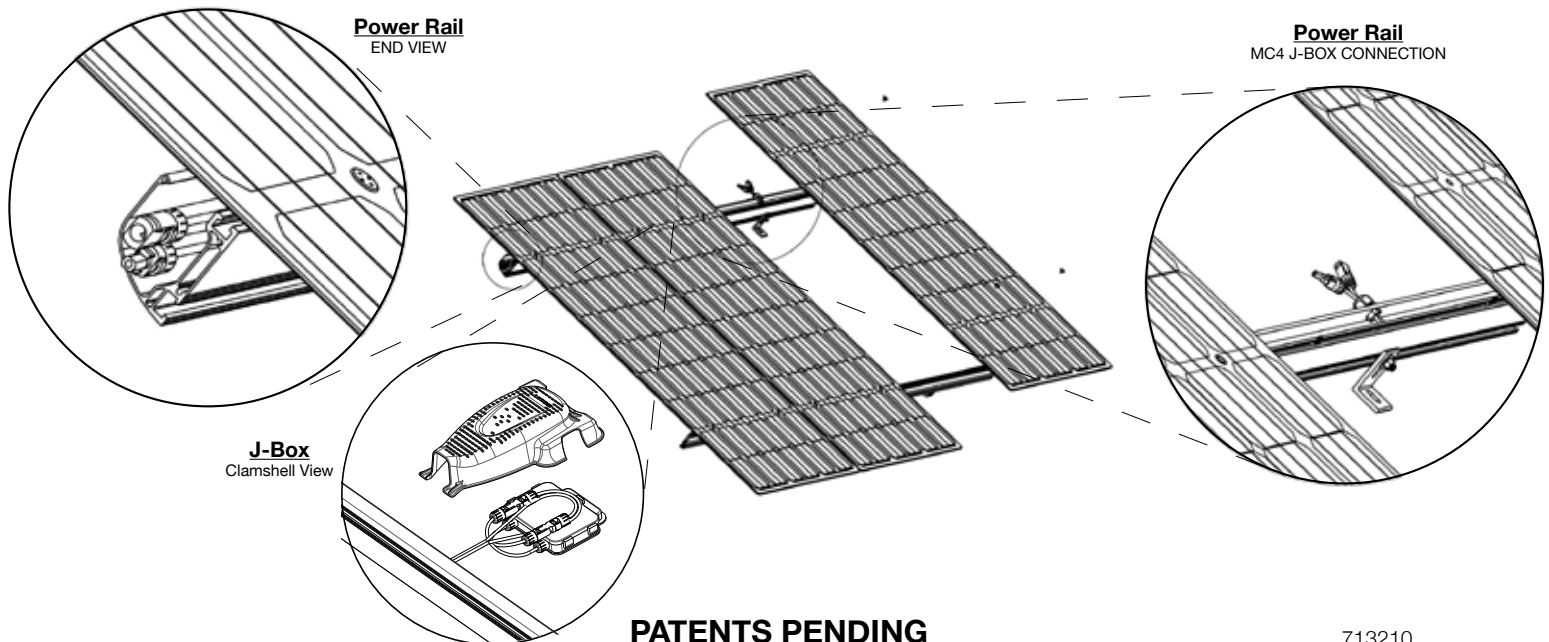
## Electrical Specifications

Model	LSX 190 - 72M
Rated Power @ STC	190 W
Nominal Voltage	24 V
Open Circuit Voltage (Voc)	45 V
Short Circuit Current (Isc)	5.5 A
Peak Power Voltage (Vmp)	35.8 V
Maximum Power Current (Imp)	5.25 A
Operating Temperature	-40 °C to 85 °C
Max System Voltage (UL / IEC)	600 V / 1000 V
Series Fuse Rating	15 A
Power Tolerance	0/+5 W
Cell Efficiency	18.00%
Power Density	14.73 W/ft <sup>2</sup>



## Mechanical Specifications

Solar Cell	Mono-crystalline 6" x 6" (156mm x 156mm)
Number of cells	72 (6 x 12)
Internal Bypass Diodes	6
Module Dimensions	63.39" x 32.91" (1610mm x 836mm)
Module Area	14.49 ft <sup>2</sup> (1.35 m <sup>2</sup> )
Module Weight	49.16 lbs (22.3 kg)
Front Glass	.24" (6 mm) tempered glass
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Backsheet	White, Black and Clear
PowerRail Assembly Options	1, 2, 3, 4, 5 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) Portrait / 113 PSF (5400 Pa) Landscape
Hail	Maximum Diameter 1" (25mm) at 52 mph (23 m/s)
Warranty	12 years at 90% of the rated power output, 25 years at 80% of the rated power output
Certifications	UL-1703, CSA, ETL, CE & CEC listed



PATENTS PENDING

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