

# Service Bulletin 0003

## Advisory: Snow Load Specification for 100 Series Panels

### 1.0 Condition

This information and the related change in the product specification applies to Solyndra 100 Series panels<sup>1</sup> in areas that receive snowfall.

### 2.0 Information

Based on additional and extended testing, Solyndra has reduced the specification for the maximum warranted snow load for 100 Series panels from 2800 Pascals to 2400 Pascals. Solyndra has revised this specification to provide added design margin under extended conditions of heavy or drifting snowfall.

Table 1 and Table 2 show the resulting total weight per panel for various snow loads. The tables also show the pressure on each panel mount (assuming an average of two mounts per panel), for both the standard mount and the optional Load Distribution Foot (LDF).

**Table 1. Snow Loads – Metric Units**

Snow Load		Total Weight	Pressure per Mount		Pressure per Mount, LDF	
Pascals	Kg/m2	Kg	Pascals	Kg/m2	Pascals	Kg/m2
0	0	32	118	1158	13	130
400	40.8	112	414	4063	46	456
800	81.6	192	711	6968	80	782
1200	122	272	1007	9873	113	1108
1600	163	353	1303	12777	146	1434
2000	204	433	1599	15682	179	1759
2400	245	513	1895	18587	213	2085

**Table 2. Snow Loads – Imperial Units**

Snow Load		Total Weight	Pressure per Mount		Pressure per Mount, LDF	
PSF	PSI	Pounds	PSF	PSI	PSF	PSI
0	0	70.5	237	1.65	26.6	0.185
8.35	0.058	247	832	5.78	93.4	0.648
16.7	0.116	424	1427	9.91	160	1.11
25.1	0.174	601	2022	14.0	227	1.58
33.4	0.232	777	2617	18.2	294	2.04
41.8	0.290	954	3212	22.3	360	2.50
50.1	0.348	1131	3807	26.4	427	2.97

<sup>1</sup> Solyndra's 100 Series Panels include Solyndra's SL001 panels.

### 3.0 Effect on Warranty

For 100 Series panels purchased before May 15th, 2010, the applicable snow load specification for warranty purposes will remain 2800 Pascals.

### 4.0 Contact

If you have questions about this bulletin, please contact Solyndra Customer Support.

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